JTF Software Solutions

PORTFOLIO · OCTOBER 2, 2026

Software that runs a roofing company, built by the people who run one.

Our core platform was built and battle-tested inside a working roofing and storm-restoration company before it was offered to anyone else. Here is what we build, who it's for, and what it can do for your business.

Michael Saint · Founder, JTF Software Solutions · Co-Founder & CEO, JTF Home Group

91	38	9	1
systems and projects built since spring 2026	live and in use tagged in the index	live tenants on JTF OS as of Sept 8, 2026	system of record instead of a dozen tools

01 / WHAT YOU GET

Win more jobs, run a tighter office and stop paying for tools that don't talk.

Most contractors juggle a CRM, a quoting app, a measurement service, a photo app, e-signature and a marketing agency. We put them in one place, under your brand.

SELL

Quote in minutes, sign on the spot

Three-tier roof quotes, polished PDF proposals and counsel-approved contracts your reps sign from the driveway.

FIND

Know where the storm hit

Radar-based storm detection turns into scored impact zones and door-knock lists spread across the neighborhoods that matter.

MEASURE

Measurements inside your quote

Roof measurement runs inside the system and feeds pricing directly, so estimates start from real geometry.

DOCUMENT

Every job photo, organized

Field Capture keeps job photos tied to the right customer and address, from first inspection to completion.

GROW

A marketing engine with your name on it

Market-by-market lead funnels, a lead qualification step, and a website that looks like the leader in your area.

RUN

An AI back office that asks first

Agents draft, organize and brief you, but nothing goes to a customer and no money moves without a person approving it.

02 / JTF OS

One system your whole company runs on.

JTF OS is the platform under everything we build. Each company gets its own tenant with its own brand and data kept separate.

MODULE

Customers & jobs

CRM of record tied to every address

MODULE

Quotes & proposals

Good / better / best pricing, branded PDFs

MODULE

Contracts & e-sign

Your approved documents, signed in the field

MODULE

Field Capture

Job photos by customer and job

MODULE

Storm intelligence

Impact zones and target lists

MODULE

Insurance estimating

Line-item estimates and sketches

MODULE

Marketing engine

Per-market funnels and landing pages

MODULE

Command Center

KPIs and pipeline at a glance

MODULE

Training Academy

Sales, storm, leadership and estimating training

> **Built on modern, fast infrastructure: edge hosting, a Postgres + PostGIS data layer, and a light, clean interface your team will actually use.**

03 / CLIENT WORK

Real businesses, real systems, described without their names.

We keep client names private. Each project below is tagged with its current status; the last one is our own product.

ROOFING · ALABAMA — Live

A roofing company running on JTF OS

Beta tenant on the platform with its own public website, branded end to end.

ROOFING · TENNESSEE — Live

A new roofing operator, built from zero

Full business build-out: brand, website with lead capture, documents, price book and a branded OS tenant.

WINDOWS & DECKS · KENTUCKY — Live

An autonomous marketing engine

A growth engine running two independent market pods, plus a lead engine and landing pages.

COMMUNITY PROGRAM · ARKANSAS — Demo

A home-preservation program demo suite

Connected customer workspace and rep app on a shared sales service, with a field-sales app in development.

MULTI-TRADE REP — Pilot

A paid measurement-review pilot

A multi-trade measurement review tool deployed for an independent rep.

OUTDOOR GUIDE — Live

Website plus an Android app

Brand site and native Android app for a fly-fishing guide business.

COMMERCIAL FUNDING — Live

Landing site and document suite

A rebranded, professional document set and a site that matches it.

TRADES & EVENTS — Live

Sites for fabricators, welders, gutters and weddings

Fast marketing sites on our white-label starter: rebrand one file, launch the same week.

JTF PRODUCT · HEALTHCARE — Now

Prior authorization for urology practices

Our own software layer above the medical record system that manages prior-auth work. In development on synthetic data.

04 / WORKING TOGETHER

Three ways in: do it yourself, have us build it, or bring us a problem.

SELF-SERVE

Free tier

Sign up at jtfsoftware.com and run the platform yourself. You set it up; you're in control.

BUSINESS BUILD-OUT

$17,483.96, fixed

Your brand, website, legal document set, price book, a JTF OS tenant and a marketing engine, all in your name. Paid in full before work starts. You own the brand outright.

HOSTING & SUPPORT

$299 / month, optional

Hosting, maintenance and a queue for support and automation requests. Month to month. No revenue share, no royalty.

CONSULTING ENGAGEMENT	TIME	PRICE
Backend Health Check	90 min	$450
Software Architecture Review	2 hr	$600
Workflow & Automation Audit	2 hr	$600
AI Opportunity & Readiness Audit	2 hr	$600
CRM & Technology Stack Audit	3 hr	$900
Software Second Opinion	3 hr	$900
Home Services Technology Audit	4 hr	$1,200
Software & Operations Autopsy	4 hr	$1,200
Backend Rescue Sprint	4 hr	$1,200
Automation Build Sprint	scoped per build	from $1,200
Systems Architecture Day	full day	$2,400
Fractional CTO / Technology Strategy Day	full day	from $2,400
Technical consulting	hourly	$300 / hr

Custom development is quoted separately. Discovery fees can credit toward a larger build. The Home Services Technology Audit is built for roofing, windows, gutters, restoration, HVAC and solar companies.

05 / THE WORKSHOP

The same hands build for fun, and it shows up in your software.

Side projects are where we try new ideas without risking your business: 3D interfaces, camera-first apps, adaptive learning, voice tools.

JUST FOR FUN — Personal

Fantasy War Room

Fantasy football war room: the scoring engine decides, AI explains.

JUST FOR FUN — Personal

Paper Trading System

Momentum trading system, paper mode only.

JUST FOR FUN — Personal

Family Genealogy Workbench

Family history workbench: interactive tree, state file and evidence ledger.

JUST FOR FUN — Personal

Shelia's Yardsale Finder

Yard-sale route planner PWA for the Mobile/Baldwin area.

JUST FOR FUN — Personal

LOOT LENS + LootRoom

LOOT LENS + LootRoom: camera-first resale finds through to inventory and checkout.

JUST FOR FUN — Personal

The 70 Club

Adaptive study coach for the Alabama cosmetology theory exam.

JUST FOR FUN — Personal

SkillForge

Learn software and AI through games: 6 tracks, 30 skills, 60 challenges, 3 boss battles.

JUST FOR FUN — Archived

Squares Live

March Madness squares board.

EXPERIMENT — Prototype

JTF Spatial Command

3D operations globe: open-source God's Eye View (MIT) extended with JTF operational layers.

EXPERIMENT — Prototype

JTF Agora

3D agent command center: agents and live telemetry in a navigable office.

EXPERIMENT — Live

JTF Flow

On-device voice dictation: hold a key, speak, text appears. Nothing leaves the machine.

EXPERIMENT — Prototype

Lumen 3D

3D AI website builder: fill a brief, pick a design language, watch the page assemble.

BOOK

The Origins Project

A book in progress on the ancestry of AI and the network behind technological acceleration, drawn from about ten years of his own research.

MANGA

The Saint Family

An original manga set on a mythic Gulf Coast: a six-member family fights Sign-Wraiths born from the burdens people carry. Chapter 1: Tide of Symbols.

MUSIC

Saint Michael's March

Songwriting and music videos, including a 9/11 tribute written on September 11, 2026.

BUSINESS IN A BOX

Bins-Bath and Beyond

A complete bin-cleaning business built for his son: market study, website and operating system.

VIDEO

Roll Tide hype videos

Alabama football hype edits.

RESEARCH PAPER

The Contractor Gap

An industry paper in progress on why roof reconstructions that score well on visual metrics can still fail a contractor's takeoff.

06 / ABOUT

You'll work directly with the person who built it.

Michael Saint has worked in construction since 2004 and in software since 2011. He ran general-manager operations for major home-services brands across the Southeast, including LeafGuard and Best Choice Roofing, then co-founded JTF Home Group to run roofing on software he designed. He served in the U.S. Army Military Police.

Every tool in this portfolio exists because a real crew, a real storm or a real homeowner needed it first. That is the difference: we build for the job you actually do.

PROGRAMS

Current with the tools

OpenAI Partner Network member, NVIDIA Developer Program, Google Developer Program, Google AI Architect certification.

PRINCIPLE

No fake numbers

Every figure we show you traces to a source, or it's labeled as an estimate.

PRINCIPLE

You stay in control

Nothing is sent to your customers and no money moves without a person approving it.

07 / PROJECT INDEX

All 91 projects, sorted by what they do.

Filter or search. Client projects are described, not named.

REPOSITORY	AREA	STATUS	WHAT IT IS	STARTED	COMMITS
jtf-os-core	JTF OS platform	Live	Unified JTF OS monorepo: apps, products, platform services and tenant configs.	2026-07	920
jtf-os	JTF OS platform	Live	Governance layer: RBAC, registries, runbooks and source-of-truth decisions for every product repo.	2026-06	113
JTF-Software-Solutions-Product-Suite	JTF OS platform	Now	White-label product packaging of the Home Group stack; seed of the OS monorepo.	2026-07	107
jtf-local-supabase	JTF OS platform	Live	Postgres + PostGIS + pgvector data plane with address authority, canvass data and row-level security.	2026-06	117
jtf-customer360	JTF OS platform	Now	Customer 360 CRM rebuild: teardown, reskin and build contracts.	2026-07	3
jtf-master-admin	JTF OS platform	Prototype	Master admin console prototype.	2026-08	14
jtf-dream-team-office	JTF OS platform	Prototype	Mission-control UI for the AI back office: agent status, approvals and work flow.	2026-06	138
saraland-roof-command-ui	JTF OS platform	Prototype	Market command UI for the Mobile/Saraland roofing operation.	2026-07	3
jtf-n8n-workflow-backups	JTF OS platform	Live	Point-in-time exports of live n8n workflows used as rollback baselines.	2026-07	14
jtf-site	JTF OS platform	Live	JTF Command Center on Cloudflare Pages with Pages Functions endpoints.	2026-05	1,402
JTF-Academy	JTF OS platform	Live	White-label training portal: retail and storm sales, leadership, estimating, KPIs, coaching.	2026-09	—
jtf-rep-app	Field & sales apps	Live	Field rep app: customers, jobs, proposals and signing from the truck.	2026-06	141
jtf-sitecam	Field & sales apps	Live	JTF Field Capture: job photo documentation on Cloudflare Workers, D1 and R2.	2026-07	82
jtf-instant-quote	Field & sales apps	Live	Instant roof quote engine with three-tier pricing and rendered PDF proposals.	2026-05	118

REPOSITORY	AREA	STATUS	WHAT IT IS	STARTED	COMMITS
`jtf-doc-fill`	Field & sales apps	Live	Fills and signs counsel-approved contract, contingency and cancellation masters.	2026-06	6
`jtf-fallback-sign`	Field & sales apps	Live	Break-glass e-signing on Cloudflare so reps can sign when the office stack is down.	2026-07	5
`jtf-hr-docs`	Field & sales apps	Live	Fills official IRS forms (W-9, W-4, 1099-NEC) from company records.	2026-06	1
`field-sales-prototype`	Field & sales apps	Prototype	In-home sales flow prototype.	2026-07	1
Rep app for a regional home-improvement program `client repo · name withheld`	Field & sales apps	Prototype	Field-sales PWA scaffold: customers, measuring, proposals, financing, training.	2026-09	22
`jtf-rooftrue`	Measurement & geospatial	Now	RoofTrue: in-house aerial roof measurement engine with DSM plane extraction and multi-provider benchmarking.	2026-06	1,272
`jtf-roof-geometry`	Measurement & geospatial	R&D	Phone, drone and satellite roof-geometry capture research.	2026-06	4
`switchyard`	Measurement & geospatial	Prototype	Multi-tenant measurement ordering, routing, QA, billing and delivery platform (synthetic data).	2026-08	5
Measurement-review pilot for an independent multi-trade rep `client repo · name withheld`	Measurement & geospatial	Pilot	Multi-trade measurement-review pilot deployed for a paying client.	2026-09	17
`jtf-spatial-command`	Measurement & geospatial	Prototype	3D operations globe: open-source God's Eye View (MIT) extended with JTF operational layers.	2026-08	6
`jtf-storm-intel`	Storm intelligence & growth	Live	NEXRAD Level-II radar + storm-report pipeline for hail and wind detection.	2026-05	69
`jtf-storm-spine`	Storm intelligence & growth	Now	Consolidated storm data spine.	2026-06	25
`jtf-storm-reports`	Storm intelligence & growth	Live	Storm report engine with tiering, clustering and confidence scoring.	2026-06	84

REPOSITORY	AREA	STATUS	WHAT IT IS	STARTED	COMMITS
jtf-lead-intelligence	Storm intelligence & growth	Prototype	Storm-driven and social-listening lead machine with a Governor that throttles volume to rep capacity.	2026-06	11
roofing-lead-gen	Storm intelligence & growth	Complete	Proof batch of 155 deduped, source-verified roofing leads for Atlanta and Mobile.	2026-07	2
saraland-roofing-lead-engine	Storm intelligence & growth	Pilot	Qualification edge that scores consented roof-replacement inquiries before CRM intake.	2026-07	2
jtf-marketing-engine	Storm intelligence & growth	Now	Per-market autonomous funnels that produce booked re-roof appointments.	2026-07	19
fieldradar	Storm intelligence & growth	Live	Field-event targeting terminal: geofencing and ROI scoring for home-services sales teams.	2026-08	29
jtf-bot-pitch	Storm intelligence & growth	Complete	Standalone pitch deck for the JTF Marketing Bot.	2026-05	4
JTF-Estimate-Studio	Insurance estimating	Now	Insurance Estimating Studio: clean-room estimating and sketching with its own pricing logic; multi-tenant service built behind a flag.	2026-07	116
jtf-estimate-engine	Insurance estimating	Live	Line-item roof-replacement estimates in the format carriers expect.	2026-06	25
jtf-nervous-system	AI agents & infrastructure	Live	Shared memory for every AI agent in the stack: recall delivered to five agent runtimes, typed decisions (JEV) and a local reranker (Laya).	2026-09	448
jtf-no-actions-stack	AI agents & infrastructure	Now	Build plan and adversarial review record for the nervous system.	2026-09	5
contextlake	AI agents & infrastructure	Live	One evidence store every LLM can read and write, over MCP and REST.	2026-06	35
atlas	AI agents & infrastructure	Live	ATLAS: voice-driven operating assistant with a live revenue engine.	2026-05	64
jtf-captain	AI agents & infrastructure	Prototype	Scheduled CEO/COO heartbeat: reads live state, reasons, delivers a morning brief.	2026-06	55
jtf-ecosystem	AI agents & infrastructure	Reference	Canonical roster of 52 Hermes agents and their orchestration.	2026-07	—
jtf-claude-memory	AI agents & infrastructure	Live	Operational-state memory store backup.	2026-07	—
jtf-claude-vault	AI agents & infrastructure	Live	Research and decision vault.	2026-08	13

REPOSITORY	AREA	STATUS	WHAT IT IS	STARTED	COMMITS
`claude-vault`	AI agents & infrastructure	Stub	Empty placeholder for the vault.	2026-08	—
`jtf-build-crew`	AI agents & infrastructure	Tooling	Coding-agent crew setup.	2026-07	17
`lmstudio-migration`	AI agents & infrastructure	Complete	Local inference cutover from Ollama to LM Studio with rehearsal and probes.	2026-07	10
`neural-ops-map`	AI agents & infrastructure	Prototype	Visual map of agents and workflows.	2026-06	21
`context-dev-eval`	AI agents & infrastructure	Experiment	Context tooling evaluation.	2026-07	1
`jtf-agora`	AI agents & infrastructure	Prototype	3D agent command center: agents and live telemetry in a navigable office.	2026-07	1
`jtf-agora-web3d`	AI agents & infrastructure	Prototype	Web 3D client for the agent command center.	2026-07	1
`jtf-agora-unreal`	AI agents & infrastructure	Prototype	Unreal Engine 5 client for the agent command center.	2026-07	1
`jtf-3d-office-bridge`	AI agents & infrastructure	Prototype	WebSocket relay from agent telemetry to Unreal Engine 5.	2026-07	1
`jtf-media-forge`	AI agents & infrastructure	Scaffold	Model-agnostic scaffold for product demo images and video.	2026-08	1
`jtf-audio-dashboard`	AI agents & infrastructure	Shelved	Voice pipeline reference build.	2026-07	—
`jtf-flow`	AI agents & infrastructure	Live	On-device voice dictation: hold a key, speak, text appears. Nothing leaves the machine.	2026-07	7
`device-forge`	AI agents & infrastructure	Experiment	Local-first discovery and control plane for USB, serial and IP hardware.	2026-07	—
`mac-optimizer`	AI agents & infrastructure	Tooling	Workstation tuning scripts for the local inference box.	2026-05	7
`home-services-cyber-defense`	AI agents & infrastructure	R&D	Security program workspace for home-services companies (synthetic data only).	2026-08	2
`lumen-3d`	AI agents & infrastructure	Prototype	3D AI website builder: fill a brief, pick a design language, watch the page assemble.	2026-09	—
`agent_dashboard`	AI agents & infrastructure	Archived	Early CSV-to-dashboard analytics prototype, archived.	2026-05	9
`meridian-urology-cloud`	New verticals	Now	Multi-tenant prior-authorization operating layer for urology practices, above the EMR.	2026-07	265

REPOSITORY	AREA	STATUS	WHAT IT IS	STARTED	COMMITS
Design system for a maternal-health app concept `client repo · name withheld`	New verticals	Concept	Client design system and shared workspace for a maternal-health continuity concept.	2026-08	4
Facilities hub demo for a regional healthcare provider `client repo · name withheld`	New verticals	Demo	Managed facilities service hub demo.	2026-08	1
Demo suite for an Arkansas community home-preservation program `client repo · name withheld`	Client builds	Demo	Connected sales demo suite: customer workspace and rep app on a shared sales service.	2026-09	63
Growth engine for a Kentucky windows & decks company `client repo · name withheld`	Client builds	Live	Autonomous marketing control plane for two independent market pods.	2026-07	117
Lead engine for a Kentucky windows & decks company `client repo · name withheld`	Client builds	Live	Lead engine: static site plus serverless functions.	2026-08	—
Tenant repo for an Alabama roofing company `client repo · name withheld`	Client builds	Stub	Tenant repo placeholder.	2026-08	—
Public site for a Huntsville, AL roofing tenant `client repo · name withheld`	Client builds	Live	Public site for a JTF OS beta tenant.	2026-08	—
Brand site for a Nashville roofing operator `client repo · name withheld`	Client builds	Live	Multi-page retail roofing site with lead API.	2026-09	3

REPOSITORY	AREA	STATUS	WHAT IT IS	STARTED	COMMITS
Android app for a fly-fishing guide client repo · name withheld	Client builds	Live	Android app for a guide business.	2026-06	2
Brand site for a fly-fishing guide client repo · name withheld	Client builds	Live	Brand website.	2026-08	1
Landing site for a commercial funding firm client repo · name withheld	Client builds	Live	Landing site.	2026-08	1
Site for a wedding planning studio client repo · name withheld	Client builds	Live	Wedding planning and design site.	2026-07	7
Site for a Georgia fabrication shop client repo · name withheld	Client builds	Live	Welding and fabrication site.	2026-06	1
Site for a welding company client repo · name withheld	Client builds	Live	Welding site on the white-label starter.	2026-06	8
Site for a Georgia gutter company client repo · name withheld	Client builds	Live	Gutter company site on the white-label starter.	2026-06	8
Site for a home-services brand client repo · name withheld	Client builds	Live	Home-services site on the white-label starter.	2026-06	3
18-deployment build set for a services client client repo · name withheld	Client builds	Live	Set of 18 client deployments recovered into one repo.	2026-08	1

REPOSITORY	AREA	STATUS	WHAT IT IS	STARTED	COMMITS
Landing-page mock-up for a lawn service `client repo · name withheld`	Client builds	Demo	Animated 'commercial' landing-page mock-up.	2026-08	1
`JTF-Software-Solutions-Web`	Web properties	Live	jtfsoftware.com: the customer-facing SaaS site.	2026-08	345
`jtf-portfolio`	Web properties	Live	portfolio.jtfsoftware.com: public portfolio plus an invitation-only investor portfolio with access requests.	2026-10	1
`jtf-web-starter`	Web properties	Live	Config-driven white-label site template: rebrand by editing one file.	2026-06	1
`fantasy-war-room`	Personal lab	Personal	Fantasy football war room: the scoring engine decides, AI explains.	2026-08	6
`trading_system`	Personal lab	Personal	Momentum trading system, paper mode only.	2026-06	31
`trading_dashboard`	Personal lab	Personal	Dashboard for the paper trading system.	2026-06	5
`family-genealogy-workbench`	Personal lab	Personal	Family history workbench: interactive tree, state file and evidence ledger.	2026-08	31
`shelias-yardsale-finder`	Personal lab	Personal	Yard-sale route planner PWA for the Mobile/Baldwin area.	2026-08	6
`loot`	Personal lab	Personal	LOOT LENS + LootRoom: camera-first resale finds through to inventory and checkout.	2026-08	155
`70-club-app`	Personal lab	Personal	Adaptive study coach for the Alabama cosmetology theory exam.	2026-08	12
`skillforge`	Personal lab	Personal	Learn software and AI through games: 6 tracks, 30 skills, 60 challenges, 3 boss battles.	2026-09	—
`Squares-Live`	Personal lab	Archived	March Madness squares board.	2026-03	20

Showing all 91 repositories.

08 / CONTACT

Tell us what's slowing your company down.

Book 30 minutes with Michael

Walk through your current tools and where the time and money go. You'll leave knowing whether JTF is a fit.

Book a call

Opens Calendly in a new tab. Pick any open slot; the invite lands on both calendars.

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Start on the free tier or book an audit.