



PROJECT-BASED IT ENGINEERING

Systems / Cloud / Networks / Automation / Software

North Berwick, Maine | justintahai@outlook.com | justintahai.tahai.net

Complex problems. Working solutions.

I design, build and resolve across systems, networks, Microsoft cloud, automation and software. Engage me for a defined project, a one-off technical problem, or the completion of work that needs an engineer to get it over the line.

I own the technical work from investigation and root-cause analysis through solution design, implementation, testing and verified resolution.

SERVICES & PROJECT WORK

Complex troubleshooting & resolution

Network, endpoint, identity and application problems that cross system boundaries. I investigate the environment, isolate the cause, implement a practical fix and verify that the intended operation is restored.

Microsoft cloud & identity projects

Microsoft 365 and Azure configuration, identity and access, licensing, Active Directory and Group Policy changes. Targeted engineering around your requirements, with implementation and testing included in the scope.

Network & infrastructure work

Network-device deployment and configuration, Windows systems, VPN and Wi-Fi connectivity, and planned infrastructure changes. Work includes checking the affected systems and validating the result against the agreed requirements.

Automation & integrations

PowerShell, Python, Bash and C#/ .NET tooling for repetitive tasks, connected workflows and practical operational improvements. I build around the actual environment, with testing, error handling and usable documentation.

Software, web applications & utilities

Operational web applications, internal tools, self-service portals and Windows technician utilities. Requirements, implementation, testing and the agreed deliverable form one engineering engagement, not disconnected tasks.

Documentation & operational systems

Structured documentation, configuration records, asset context, repeatable procedures and practical reporting. I turn scattered technical information into systems that make the environment easier to understand and operate.

ONE-OFF RESOLUTION / DEFINED PROJECTS / PROJECT COMPLETION

Scope, deliverables and pricing are agreed before work begins. Maine-based. Remote and onsite work by arrangement.



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SELECTED PRODUCT ENGINEERING

Operational platforms and technician tools I have designed and built.

TAHAI IT Docs

A structured documentation platform connecting organizations, networks, configurations, policies and projects, with role-aware access, client visibility and audit evidence.

TAHAI PSA

Service-management workflows for dispatch, SLA tracking, agreements, time and expense, billing, procurement and client portals, with tenant-scoped access and automated verification.

TAHAI Operational Intelligence

An operational workspace linking tickets, documentation, projects, assets and risk through relationship views, tenant-aware permissions and tamper-evident audit trails.

TAHAI IT Docs FIELDKIT | Release candidate

A standalone C#/NET Windows toolkit for network discovery, diagnostics and switch-port tracing, with signed offline captures and client-ready PDF and Word reports.

TAHAI Web Services Browser

A Chromium-powered Windows browser published through the Microsoft Store, designed around IT and development workflows.

ENGINEERING THROUGH COMPLETION

Define the result. Agree on the problem, scope, deliverables, access requirements and what successful completion looks like.

Investigate & design. Understand the environment, establish the cause or requirements, and select a practical technical approach.

Implement & test. Do the engineering, validate the changes and work through the issues revealed by testing.

Verify & close. Confirm the agreed result, document the work and close against the defined completion criteria.

PROFESSIONAL FOUNDATION

My background includes engineering and advisory roles at Logically, Ion Networking, DominionTech and Ekaru, alongside independent engineering at TAHAI Web Services. I combine hands-on infrastructure and Microsoft cloud work with automation, operational software and technician-tool development.

I bring broad technical depth and persistence to unfamiliar problems. When the standard approach falls short, I research, test and keep working toward a practical resolution.

Project-based and one-off engagements only. No managed-service contracts or recurring monitoring plans. Scope, deliverables and pricing are agreed before work begins; additional work is agreed separately.

Discuss a project: justintahai@outlook.com