

JACOB MAYNARD

FOUNDER | AI SYSTEMS ARCHITECT

Designing software that reduces operational burden.

Manchester, NH

Boston-area opportunities

AI Solutions Architecture

CORE EXPERTISE

AI systems architecture
Workflow orchestration
Human-in-the-loop controls
CRM & prospect intelligence
Knowledge and evidence systems
Business process automation
Product roadmaps & delivery

TECHNOLOGY

JavaScript / TypeScript
React / Node.js
REST APIs
PostgreSQL / SQL
Cloud deployment / Railway
LLM integrations
Deterministic workflows

ARCHITECTURE PRINCIPLES

Modular by design
Fail-closed controls
Reviewable automation
Evidence over intuition
Operator-centered UX

EDUCATION

Frontend Simplified

Software Engineering Program — In Progress

POSITIONING

I design software that reduces operational burden.

Target roles: AI Solutions Architect, AI Systems Architect, Solutions Engineering, Applied AI Platform Architecture.

EXECUTIVE PROFILE

Founder and AI Systems Architect with 10+ years of operations leadership and a record of translating complex business problems into modular software systems. Architected Pulseforge, an applied AI platform spanning prospect intelligence, CRM automation, workflow orchestration, reporting, communications, marketing automation, knowledge management, and human-in-the-loop decision support. Combines technical systems thinking with firsthand operating experience to design practical, governed automation.

PROFESSIONAL EXPERIENCE

Founder & AI Systems Architect

Pulseforge | 2025–Present · Manchester, NH

Architected a modular AI platform of specialized services for prospect intelligence, CRM automation, workflow orchestration, communications, reporting, marketing automation, knowledge management, and operator decision support.

Defined platform architecture, service boundaries, governed data flows, approval policies, product roadmap, and implementation sequence from concept through deployment.

Designed orchestration patterns that preserve deterministic state, tenant isolation, auditability, and human review for business-critical actions.

Built evidence-based readiness, knowledge, memory, and approval workflows so recommendations remain grounded, inspectable, and authorized before execution.

Led end-to-end product development across requirements, architecture decisions, specifications, implementation reviews, deployment, and operational validation.

Founder

Anchor Cleaning | 2026–Present · Greater Manchester, NH

Founded and operate a commercial and residential cleaning company used as a live environment for validating Pulseforge against real acquisition, service-delivery, CRM, reporting, and follow-up workflows.

Apply AI-assisted prospecting and decision-support systems to real business constraints while owning pricing, partnerships, customer experience, and service quality.

Operations Leader

Restaurant & Hospitality Organizations | 10+ Years · New England

Led high-volume service operations across staffing, scheduling, training, performance, cost control, guest experience, and process improvement.

Translated ambiguity into repeatable workflows, measurable standards, accountable teams, and durable operating systems.

SELECTED SOLUTIONS ARCHITECTURE VALUE

Bridge executive objectives, operating workflows, user needs, and technical architecture into a coherent implementation path.

Decompose broad AI ambitions into bounded services, explicit contracts, governed data flows, testable milestones, and measurable outcomes.

Identify where probabilistic AI adds value and where deterministic rules, approvals, or conventional software are more appropriate.