

Forward-Deployed Engineer1

AI Automation Engineer | Agentic AI Developer | Forward-Deployed Engineer

PROFESSIONAL SUMMARY

AI automation engineer focused on building and shipping agentic AI systems end-to-end directly into client environments. Experienced in creating production multi-tenant automation platforms powered by LLM agents, including autonomous email agents, lead-scoring agents, CRM-connected workflows, and event-driven automations. Works in a forward-deployed style by mapping client operations and integrating bespoke automation into existing business stacks.

WHAT I BRING

- Agentic AI builder: designs autonomous LLM agents that read context, decide next actions, and trigger downstream workflows.
- Forward-deployed mindset: maps client systems and operations, then ships practical solutions that fit the existing stack.
- Rapid AI-assisted delivery: uses Claude Code and Antigravity-style workflows to move from plain-language intent to production code.
- Reliability and data quality: builds with idempotency, deduplication, schema validation, retries, and clean structured outputs.
- Clear communicator and fast learner with experience explaining technical work to non-technical and international stakeholders.

CORE SKILLS

Agentic AI & LLM: Autonomous AI agents, Anthropic Claude API, advanced prompt engineering, prompt caching, agent decision logic, intent classification, structured JSON output, context management, AI lead scoring

AI-Assisted Development: Claude Code, Antigravity IDE, rapid AI-driven prototyping, prompt-to-production workflows

Workflow Automation: n8n, event-driven webhooks, cron jobs, multi-step sequences, app connectors, retry/back-off, idempotency, deduplication

Languages & Web: JavaScript, Node.js, HTML5, CSS3, REST APIs, JSON

Backend & APIs: Express.js, third-party API integration, zod validation, webhook security, error handling, structured logging

Integrations & CRMs: Twilio, SendGrid Inbound Parse, Resend, Cal.com, Telegram Bot API, CRM/API connectors

Data & DevOps: Supabase, PostgreSQL, SQL, multi-tenant schema design, indexing, Git, GitHub, Railway, VS Code

Delivery & Compliance: Agile/Scrum, Jira, Tableau, requirements gathering, process mapping, TCPA, Fair Housing, TRAI, DNC handling, SPF/DKIM email authentication

PROFESSIONAL EXPERIENCE

Founder & AI Automation / Agentic Developer | AINAM Automation 2025 – Present

Remote

- Founded, built and shipped a multi-tenant AI automation platform, first prototyped in n8n and then rebuilt as a custom Node.js / Express service with Railway and Supabase / PostgreSQL for scale.
- Built an autonomous inbound-email AI agent that parses incoming emails, classifies intent, retrieves lead context, and drafts or sends contextual replies with little to no human intervention.
- Designed AI lead-scoring agents using the Anthropic Claude API to score and prioritize incoming leads and automatically trigger follow-up, booking, or reactivation workflows.
- Shipped event- and cron-driven workflows covering lead capture, AI scoring, follow-up sequences, two-way SMS booking, dead-lead reactivation, conversion-stage chasing, and email automation.
- Designed the platform to map onto each client's CRM and operations, plugging into existing stacks across US and Indian markets rather than replacing current systems.

- Used AI-assisted development workflows with Claude Code and Antigravity IDE to translate plain-language intent into production code, then harden it with validation, retries, and tests.
- Engineered resilient integrations with Twilio, SendGrid, Resend, Cal.com, and Telegram using retry/back-off and idempotency guards to prevent duplicate sends and improve reliability.
- Owned end-to-end delivery including requirements, build sequencing, integrations, localization, and client-ready deployment.

KEY PROJECTS

AINAM — US Mortgage Lead-to-Booking Automation | Project

- Built an agentic AI layer over a broker CRM to capture and score leads, auto-reply within seconds, run scheduled follow-ups, and book appointments over two-way SMS.
- Technology stack: Node.js, Express, Supabase/PostgreSQL, Anthropic Claude, Twilio, SendGrid, Resend, Cal.com, Railway.

AINAM — India Real Estate Automation | Project

- Created a localized edition for Indian real estate agents with Hinglish AI prompts, INR formatting, local property terminology, and TRAI-compliant messaging.
- Deployed the solution as a separate multi-tenant instance for localized business operations.

EDUCATION & CERTIFICATIONS

- Postgraduate Program in Project Management — MIT School of Distance Education, Pune | 2024 – 2026 (Expected)
- Coursework: project planning and scheduling, stakeholder and risk management, Agile delivery, quality management.
- Bachelor of Arts (B.A.) — Gorakhpur, Uttar Pradesh, India
- Business Analyst Certification — Tableau, Jira, Agile methodology
- Languages: English (professional proficiency), Hindi (native)