FULL-STACK AI ENGINEER

Candidate Reference Number: 202608091707

PROFILE

Full-stack software engineer with hands-on experience building **enterprise applications, AI-enabled workflow automation, mobile products, serverless services, and client-facing software**. Current work includes a React/TypeScript/Next.js/PostgreSQL enterprise platform serving **150+ employees** and Anthropic-powered automation for internal workflows. Additional experience spans React Native, Cloudflare Workers, AWS, Docker, Python, APIs, and regulated-data environments.

CORE CAPABILITIES

Frontend / Mobile: React | React Native | Next.js | TypeScript | JavaScript | HTML | CSS | Expo | responsive UI
Backend / Data: PostgreSQL | MongoDB | Express.js | Django | PHP/Laravel | REST APIs | relational schema design
AI / Automation: Anthropic API | workflow automation | AI integration | web scraping | automated notifications
Cloud / Delivery: AWS | AWS SES | Cloudflare Workers/KV/Cron | Docker | Redis | Git/GitHub | Firebase FCM
Practices: Agile/Scrum | UI/UX collaboration | QA | Linux administration | cybersecurity-oriented development

SELECTED DELIVERY EVIDENCE

- Architecting a full-stack enterprise platform for **150+ employees** across warehouse/inventory, HR, and notification workflows.
- Consolidating third-party business systems into a unified in-house platform through a **service-layer architecture**.
- Integrating **Anthropic API** capabilities to automate internal workflows and streamline cross-team operations.
- Designed and shipped a cross-platform React Native/Expo mobile app with a serverless Cloudflare Workers backend, push notifications, deduplication, and regulatory-compliance features.
- Published a production mobile application to the **Google Play Store**.
- Built a full-featured web platform with payments, automated email, redemption workflows, and compliance-oriented geolocation/KYC planning.

ENGAGEMENT FIT

Strong fit for **mid-level Full-Stack AI engineering work** involving internal business platforms, AI-enabled automation, API integration, mobile/web delivery, and cloud-backed services. Well suited to own meaningful implementation scope while working with senior architectural or client-facing guidance.

EXPERIENCE EVIDENCE

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2026-PRESENT | SOFTWARE ENGINEERING - AI AUTOMATION / INTEGRATION

- Architecting a React, TypeScript, Next.js, and PostgreSQL enterprise platform spanning inventory, HR, and notification functions.
- Integrating external business systems through a service-layer architecture to centralize workflow and reduce redundant software overhead.
- Adding Anthropic-powered AI automation to internal operations.

2023-PRESENT | CUSTOM SOFTWARE ENGINEERING

- Designed and developed web applications, mobile apps, prototypes, game projects, and cloud-backed products using React, React Native, TypeScript, PHP, C#, GitHub, Docker, and related technologies.
- Built a web-scraping news aggregator and a mobile alerting product for targeted Reddit content.
- Created product prototypes and pitch materials for prospective clients and publishers.
- Completed substantial self-directed study in AI, penetration testing, networking, programming, game engines, and Linux administration.

2024-2026 | AI GOVERNANCE / HEALTHCARE OPERATIONS

- Contributed developer-level expertise to an AI Integration Committee focused on responsible, efficient, HIPAA-aware use of AI.
- Supported medical-record workflows for clinics working with a state public-service organization.

2024 | SOFTWARE ENGINEERING INTERNSHIP

- Collaborated with UI/UX designers on product features and prototype feedback; performed QA testing across new functionality and interfaces.

PROJECT EVIDENCE

- **Mobile alerting platform:** Android/iOS client with Cloudflare Workers, KV storage, scheduled jobs, Reddit API integration, Expo Push API, and Firebase FCM.
- **Regulated web platform:** payment processing, AWS SES notifications, redemption flows, geolocation planning, and external identity-verification integration.

EDUCATION

Master of Science in Computer Science - in progress (Networking, Software Engineering, AI)
Full-Stack Software Engineering Program - 500+ hours
Additional university study: Software Engineering, Cybersecurity, Psychology