FULL-STACK AI ENGINEER

Candidate Reference Number: 202608112130

PROFILE

AI/ML Engineer and Full-Stack Web Developer with approximately **9 years of professional AI/ML engineering experience**. Focused on production-ready intelligent systems with end-to-end ownership spanning architecture, development, integration, deployment, and product delivery. Experience includes **LLM applications, RAG automation, agentic workflows, conversational AI, backend and API integration, NLP, healthcare AI, data-driven applications, and business automation**.

CORE CAPABILITIES

Frontend: Next.js | React | TypeScript | full-stack web application development | responsive application interfaces
Backend / APIs: Python | Node.js | backend development | REST/API integration | scalable application services | authentication and security patterns
AI / LLM: OpenAI APIs | Generative AI | LLM integration | prompt engineering | structured outputs | Machine Learning | NLP | Data Science | conversational AI | chatbots
RAG / Retrieval: Retrieval-Augmented Generation | semantic search | retrieval pipelines | vector databases | Qdrant | Pinecone | Weaviate | Chroma | contextual knowledge applications
Agentic / Automation: AI Automation | Agentic Workflows | AI Agents | LangGraph | LangChain | n8n | MCP / AI tool integration | workflow orchestration | multi-step AI systems
Data: PostgreSQL | relational data patterns | data-driven applications | analytics systems
Cloud / Delivery: Azure | AWS | Google Cloud | Vercel | testing | deployment | monitoring | DevOps | production-oriented delivery
Engineering Practices: API design | UX/UI collaboration | product collaboration | technical documentation | Scrum/Agile | maintainable and scalable architecture

SELECTED CAPABILITY EVIDENCE

- Built **LLM applications and chatbot systems** using OpenAI and modern AI frameworks.
- Built **intelligent automation workflows and AI-powered business solutions** intended for production use.
- Experience includes **conversational AI and real-time interaction systems** supporting user-facing intelligent workflows.
- Delivered **data-driven applications and analytics systems** alongside backend services and API integrations for scalable AI products.
- Demonstrated practical capability across **Next.js, React, TypeScript, Python/Node.js, PostgreSQL, vector retrieval, RAG, MCP/tool integration, cloud platforms, testing, deployment, and monitoring**.
- Professional skill associations emphasize **AI Automation, Agentic Workflows, LangGraph, LangChain, RAG Automation, AI Agents, and n8n**.
- Working style emphasizes clean, maintainable, scalable implementation with **ownership from idea through deployment**.

ENGAGEMENT FIT

Strong fit for Full-Stack AI engagements requiring a practitioner who can combine **modern web application development, LLM/RAG engineering, vector retrieval, agentic workflow design, automation, backend/API integration, data systems, cloud delivery, and production operations**. Particularly attractive for clients seeking an embedded engineer who can translate business needs into deployable AI-enabled products.

EXPERIENCE EVIDENCE

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2021-2026 | AI / ML ENGINEERING

Approximately **4 years 7 months** in AI/ML engineering. Work profile emphasizes complete AI-solution ownership, production deployment, LLM applications, automation, conversational systems, backend services, API integrations, analytics, and scalable product delivery.

2017-2021 | AI / ML ENGINEERING

Approximately **4 years 2 months** in an earlier AI/ML engineering role, providing a sustained engineering foundation before the more recent production-focused AI and automation work.

TECHNICAL / PRODUCT STRENGTHS

- **Full-Stack Engineering:** Next.js, React, TypeScript, Python, Node.js, APIs, PostgreSQL, and production web application delivery.
- **Agentic AI:** LangGraph, LangChain, AI agents, MCP/tool integration, automation workflows, and orchestration-oriented design.
- **RAG / Knowledge Systems:** retrieval-augmented generation, vector databases, semantic search, contextual information access, and LLM-powered knowledge applications.
- **NLP / Conversational:** NLP engineering, chatbot systems, conversational AI, and real-time interaction experiences.
- **Machine Learning / Data:** machine learning, data science, Generative AI, OpenAI-based applications, PostgreSQL, and analytics-oriented systems.
- **Cloud / Operations:** Azure, AWS, Google Cloud, Vercel, deployment, testing, monitoring, and DevOps practices.
- **Product / Collaboration:** UX/UI awareness, API design, product collaboration, documentation, Scrum/Agile delivery, and embedded-team execution.
- **Production Mindset:** prioritizes deployment, maintainability, scalability, security, observability, collaboration, and rapid problem solving.

EDUCATION

Master of Engineering
Bachelor of Engineering - Computer Science