FULL-STACK AI ENGINEER

Candidate Reference Number: 202608111259

PROFILE

Full-Stack Software Engineer with **5+ years of enterprise experience** building and scaling production-grade applications across e-commerce, insurance, and financial-compliance environments. Hands-on capability across **Java/Spring Boot, React, Python, SQL, AWS, REST APIs, microservices, CI/CD, NLP, and Agile/Scrum delivery**. Also brings recent client-facing experience explaining technical services and AI-agent concepts to non-technical business audiences.

CORE CAPABILITIES

Programming: Python | Java | JavaScript | TypeScript | SQL | C | C++ | R | HTML | CSS

Frameworks / Application: Spring Boot | React | FastAPI | jQuery | Maven | REST APIs | UI/UX design | FlutterFlow

Cloud / Delivery: AWS | Git | Jenkins | CI/CD pipelines | Jira

Data: PostgreSQL | Microsoft SQL Server | MySQL | SQL optimization

AI / Domain: NLP | AI agents | financial compliance | insurance platforms | enterprise e-commerce | no-code development

SELECTED DELIVERY EVIDENCE

- Contributed to an enterprise e-commerce platform serving **30M+ monthly active users** and supporting more than **$6B in annual digital revenue**.
- Built a real-time inventory visibility system using **Python microservices on AWS Lambda and SQS**, linking warehouse, ERP, and e-commerce systems.
- Integrated Spring Boot microservices with a React frontend, reportedly **reducing average page-load time by 28%** and improving checkout conversion.
- Optimized SQL queries across high-traffic transaction workflows, reportedly **improving database performance by 35%**.
- Reduced build failures by **30%** and cut average CI/CD execution time from **18 minutes to 9 minutes** through dependency and pipeline improvements.
- Delivered **200+ production releases** through continuous integration and deployment pipelines.
- Built Python NLP pipelines for financial-compliance text classification and entity extraction, reportedly **reducing manual review time by 50%**.

ENGAGEMENT FIT

Strong fit for Full-Stack AI engagements needing a practitioner who can combine **enterprise application delivery, backend services, frontend integration, cloud workflows, data optimization, and emerging AI/NLP capabilities**. Particularly well aligned to work where technical implementation must connect clearly to business users and operational outcomes.

EXPERIENCE EVIDENCE

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2026-PRESENT | TECHNICAL INTERVIEWING / AI RESEARCH

- Conducts interviews and conversations with business clients, explaining technical services and agent offerings to non-technical audiences.
- Researches natural-language processing, Python, AI agents, and their business applications.

2022-2025 | FULL-STACK SOFTWARE ENGINEERING

- Worked across AWS, Python, React, TypeScript, PostgreSQL, Tailwind CSS, HTML, Java, Spring, and Microsoft SQL Server in a large-scale e-commerce environment.
- Architected and implemented full-stack solutions connecting Spring Boot microservices with React user experiences.
- Developed Python/AWS inventory microservices and integrated operational systems for real-time inventory visibility.
- Optimized high-volume SQL workflows and managed Maven dependencies and third-party integrations.
- Supported frequent enterprise releases through CI/CD pipelines and production delivery practices.

2019-2021 | JUNIOR SOFTWARE DEVELOPMENT / FINANCIAL TECHNOLOGY

- Built customer-facing insurance workflows using a no-code enterprise platform, digitizing **20+ manual processes** and reportedly **reducing policy-processing time by 40%**.
- Performed fraud-detection and anti-money-laundering investigations, flagging **300+ suspicious transactions** representing more than **$4M in potential risk exposure**.
- Evaluated **600+ business-loan applications** for regulatory compliance under federal deadlines.
- Built Python NLP pipelines to automate text classification and entity extraction across financial-compliance documents.

2018-PRESENT | TECHNICAL TUTORING

- Delivered individualized instruction to **400+ students** across Computer Science, Economics, and Mathematics, with a reported **4.8/5.0 satisfaction rating**.
- Created **120+ original lesson plans and study materials** reused as course content.

CERTIFICATIONS / EDUCATION

Certifications: Unqork Capstone | Guidewire PolicyCenter
Education: Bachelor of Arts - Economics & Computer Science (Double Major)
Additional Study: Intermediate Japanese | Latin