

Jordan Jahja

Senior Software Engineer | Applied AI & Backend Systems

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PROFESSIONAL SUMMARY

Senior Software Engineer with 10+ years of experience building production backend, data, and automation systems using Java, Python, PostgreSQL, Kafka, and AWS. Specializes in applied AI and forward-deployed engineering, turning manual workflows into scalable systems with measurable improvements in speed, accuracy, and operational efficiency.

TECHNICAL SKILLS

Languages	Java, Python, PostgreSQL
Backend & Data	REST APIs, Microservices, Kafka, PostgreSQL, MongoDB, Redis, Database Design
AI & LLM Systems	OpenAI, Anthropic, Google Gemini, Agentic AI, LLM Integration, AI Workflow Automation
Cloud & Engineering	AWS, System Design, Schema Migrations, Incident Response, Code Review, Mentoring

PROFESSIONAL EXPERIENCE

StartEngine | Remote / Los Angeles, CA 10/2021 - Present

Senior Software Engineer | 01/2023 - Present

- Forward-deployed to StartEngine Operations to build AI agents that answer questions and execute administrative workflows, supported by production backend services, validation layers, and safeguards for reliable, trustworthy execution.
- Built an AI document-extraction service using Python, OpenAI, Anthropic, Gemini, Kafka, and REST APIs, cutting processing from **30 minutes** to **2-3 minutes** and improving extraction accuracy from **30%** to **70%**.
- Built production AI agents for Investor Experience that diagnose stalled investments from payment, accreditation, and CRM data and generate personalized outreach; now used in **daily production** workflows.
- Redesigned AML/KYC verification around a Java microservice with Plaid integration, callback handling, and retry logic, reducing manual review staffing from multiple account managers to **one specialist**.
- Led an automated campaign-update system using Java microservices and Klaviyo, replacing a **multi-day process** with a workflow that completes in **minutes**.
- Review production PostgreSQL schema changes and migrations and serve as a first responder for database incidents, with emphasis on data integrity, auditability, and operational safety.
- Co-author, **ERC-1450** (Final Ethereum standard for RTA-controlled security tokens) — reviewed the specification and helped implement the supporting backend.
- JordoBot9000** — open-source, self-hosted AI pull-request reviewer (github.com/jordan-jahja/jordobot).

Software Engineer | 10/2021 - 01/2023

- Built and maintained Java and Python microservices and REST APIs that automated core business workflows, with comprehensive test coverage and object-oriented design.
- Engineered PostgreSQL queries and backend logic supporting production features while reducing unnecessary database load.

Wolters Kluwer Tax & Accounting US | Cary, NC 08/2016 - 10/2021

Software Engineer

- Built the Vanguard Predictive Planning data integration, creating custom connectors that processed **millions of records** and reduced data preparation from **weeks** to **under 30 minutes**.
- Built a data-validation utility that protected integrity during data transitions and reduced migration risk.
- Led technical development of the TimeSheet application, including billable-hours reporting, analytics dashboards, and time-constrained editing controls.
- Integrated the problem-reporting workflow with FreshDesk and built custom forecasting data tables for enterprise customers.

IBM | Durham, NC 09/2015 - 05/2016

Software Engineer (Co-op)

- Developed Java features for the Jazz collaborative lifecycle management platform and resolved customer-reported defects within agile sprint cycles.

EDUCATION

North Carolina State University | Raleigh, NC 08/2011 - 08/2016

Bachelor of Science in Science, Technology and Society (STS) and Computer Science

Languages: English, Bahasa Indonesia