

RAJESWARAN DHANDAPANI

AI-ENABLED TECHNICAL LEAD

prorajeswaran@gmail.com | [LinkedIn](#) | <https://rajeswarandhandapani.com>

Professional Summary

AI-Enabled Technical Lead with 15+ years delivering secure, scalable financial-services platforms across Java, Spring Boot, Angular, Kafka, SQL/NoSQL and cloud-native environments. Leads system design, full-stack delivery, engineering quality and stakeholder collaboration from architecture through production. Extends enterprise platforms with Python, LangChain, LangGraph, RAG and Azure AI for document intelligence and controlled Generative AI workflows.

Technical Capabilities

- **Enterprise platform engineering:** Java, Spring Boot, Spring Cloud, REST APIs, microservices, Kafka, GraphQL, Hibernate, SQL Server, Oracle and MongoDB
- **Full-stack delivery:** Angular, TypeScript, JavaScript, reusable component architecture, responsive UI, Cypress, unit/integration/API testing and secure service integration
- **Applied AI:** Python, FastAPI, LangChain, LangGraph, RAG, Azure AI, Spring AI, prompt design, LLM evaluation, document classification and extraction
- **Architecture, cloud and leadership:** Event-driven systems, saga orchestration, API-first design, Docker, Kubernetes, OpenShift, Azure, AWS, CI/CD, OWASP, technical mentoring and Agile delivery

Certifications

Microsoft Certified: Azure AI Engineer Associate (AI-102) | Azure Developer Associate (AZ-204) | AWS Certified Solutions Architect - Associate (SAA-C03)

Professional Experience

Full Stack Engineer - Suniksha Infotech | Dec 2023-Present | Pittsburgh, PA

Legal employer for enterprise client assignments across financial services and insurance.

Technical Lead / Senior Full-Stack Engineer - BNY - Client assignment through Suniksha Infotech | Apr 2025-Present | Pittsburgh, PA

- Lead system design and delivery for secure, AI-enabled financial-services workflows supporting asset-servicing and custody operations.
- Build Java and Spring Boot APIs, Angular interfaces, Kafka integrations and SQL/NoSQL solutions across regulated enterprise environments.
- Develop document-classification and extraction capabilities using Python, LLMs, LangChain, LangGraph and retrieval-augmented generation.
- Guide technical design, engineering quality, code reviews and cross-functional delivery without formal direct-report responsibility.

Senior Software Engineer / Full-Stack Engineer - Arbitration Forums, Inc. - Client assignment through Suniksha Infotech | Jan 2024-Apr 2025

- Delivered Java and Spring Boot REST microservices with Angular 17 applications for insurance-recovery workflows.
- Modernized the front end with Bootstrap 5 and reusable components while expanding Cypress component and end-to-end coverage.
- Applied transaction management, SQL, Docker, CI/CD and OWASP-aligned secure-development practices.

Vice President | Full-Stack Engineer - BNY Mellon | Aug 2019-Nov 2023 | Pittsburgh, PA

- Led system design and delivery of a configurable white-label platform supporting multiple branded financial-services websites.
- Built Java, Spring Boot and Spring Cloud microservices with REST APIs, Docker and SQL/NoSQL integrations.
- Developed Angular and TypeScript interfaces, integrated SiteMinder authentication and coordinated production releases with product, UX and business teams.

Technical Lead - iNautix Technologies | Aug 2011-Aug 2019 | Chennai, India

- Modernized a monolithic enterprise application into Java and Spring Boot microservices with REST integrations and resilient persistence patterns.
- Designed a scalable CRM platform, reusable Angular/TypeScript interfaces and enterprise-system integrations.
- Led architecture discussions, code reviews, mentoring, CI/CD coordination, releases and Agile delivery.

Featured Projects

- **AI Loan Processing Engine:** Designed a virtual loan officer for small-business intake, document understanding, borrower Q&A and grounded decision support using Python, LangGraph, RAG and Azure AI. [GitHub](#)
- **AI Banking Service:** Built a conversational banking assistant with Spring AI and controlled function calling for account inquiries, transaction lookup, payments and customer notifications. [GitHub](#)
- **Saga-Orchestrated Banking-as-a-Service:** Created a production-style reference architecture using Kafka, saga orchestration, distributed transaction management, failure recovery and API-first microservices. [GitHub](#)

Education

Bachelor of Engineering, Mechanical Engineering - Karpagam Academy of Higher Education, Coimbatore, India | March 2011