

Summary

Full Stack Engineer with **3+ years of experience** building scalable enterprise applications using **Java, Spring Boot, Angular, and modern cloud-native technologies**. Skilled in designing and developing RESTful APIs, interactive Angular dashboards, and secure full-stack platforms with expertise across **AWS, Azure, and GCP**. Proven track record of delivering high-impact solutions, including e-commerce systems, AI-driven microservices, and real-time analytics platforms, with a focus on **performance, security, and user experience**.

Experience

Moxie

Ashburn, VA(Remote)

Feb 2025 – Present

Full Stack Engineer

- Built a contract review portal using Angular 16, TypeScript, RxJS, and NgRx for auditors to upload and review contracts, invoices, and compliance reports, reducing manual review time by 60%.
- Developed Spring Boot microservices with PostgreSQL and AWS Lambda to power document ingestion, metadata extraction, and audit trail logging.
- Integrated Angular UI with REST APIs for anomaly detection services, allowing auditors to flag and resolve irregular transactions directly from the dashboard.
- Implemented role-based dashboards in Angular (auditor, manager, compliance officer) with guards and interceptors to enforce access control.
- Designed interactive graph visualization module in Angular (D3.js) connected to Neo4j via Spring Data, enabling auditors to explore high-risk client-account relationships.
- Automated CI/CD pipelines with Jenkins, Docker, and AWS S3/CloudFront for Angular deployments, reducing release cycles by 40%.

Behavioral Neuroscience – The Ohio State University

Columbus, OH

May 2024 – Dec 2024

Software Engineer

- Developed Angular dashboards for real-time visualization of high-frame-rate rodent behavior analytics, integrating REST APIs with WebSockets to support live video monitoring.
- Created interactive Angular UI components (charts, filters, annotation panels) for behavioral scientists, improving usability and experiment tracking efficiency by 70%.
- Integrated front-end Angular applications with Java Spring Boot APIs and Google Cloud services for large-scale video and data processing.
- Implemented Angular Material design system to standardize layouts, ensuring consistency across research team applications.
- Built CI/CD workflows for Angular builds with GitHub Actions and GCP Cloud Build, ensuring reproducible deployments for multi-user teams.

Pelotonia Research Center – Cancer Research

Columbus, OH

Jan 2023 – May 2024

Software Developer

- Developed ETL pipelines and RESTful APIs in Java and Spring Boot, orchestrated via Apache Airflow, to integrate EHR and genomic datasets on Azure.
- Built Angular-based clinical dashboards hosted on Azure App Service, enabling interactive visualization of treatment response and patient outcomes.
- Designed a medical image management web app with Angular (front-end) and Spring Boot (backend), deployed on Azure Kubernetes Service.
- Optimized SQL queries and data access layers, improving performance for high-volume patient datasets.
- Enhanced CI/CD pipelines for Angular + Spring applications using Jenkins and Docker, reducing release cycles by 35%.

Cognizant Technology Services

Chennai, India

Mar 2021- Dec 2022

Software Engineer

- Built insurance risk scoring applications using Java, Spring Boot, and Angular; delivered real-time risk predictions across 100K+ policies.
- Developed REST APIs with Spring Boot and containerized services with Docker & AWS ECS, integrated with Redshift and Glue.
- Created full-stack dashboards in Angular for underwriters to monitor fraud/risk patterns, improving decision-making speed by 30%.
- Implemented CI/CD workflows with Jenkins and Git, reducing release cycles by 40%.
- Designed role-based authentication and authorization flows using Spring Security and JWT.
- Conducted benchmarking of algorithms (LightGBM, XGBoost, Logistic Regression) and exposed them via REST APIs for downstream full-stack applications.

Skills

Languages: Java, TypeScript, JavaScript (ES6+), SQL, Python
Frameworks & Libraries: Spring Boot, Hibernate, Angular (v14–16), RxJS, NgRx, Angular Material, Node.js, Bootstrap, HTML5, CSS3
Databases: PostgreSQL, MySQL, Neo4j, MongoDB, Redshift
Cloud & DevOps: AWS (ECS, Lambda, S3, RDS, API Gateway, CloudFront), Azure (AKS, App Service, Data Factory), GCP (Cloud Run, GCE, Composer), Docker, Kubernetes, Jenkins, GitHub Actions
Tools: Airflow, dbt, Redis, CI/CD pipelines, MLflow

Projects

Polling App:

Developed a full-stack polling platform using Spring Boot, Angular, and MySQL, implementing CRUD operations, REST APIs, and frontend integration to enable users to create and vote on polls.

E-Commerce Order Management System:

Built a full-stack e-commerce order management system using Angular, Spring Boot, and PostgreSQL, featuring product catalog browsing, shopping cart, secure checkout with JWT authentication, and an admin dashboard for managing orders, inventory, and users.

AI Microservice Application:

Developed a full-stack AI microservice application using Java Spring Boot, Kafka, and Keycloak/OAuth2 for authentication, deployed on AWS to demonstrate real-world ML integration and microservice architecture.

Face Recognition System:

Built a full-stack facial recognition attendance platform using Spring Boot and PostgreSQL, integrating OpenCV and FaceNet for real-time recognition with 98% accuracy. Implemented secure user authentication, automated attendance logging, and an admin dashboard for managing users and reports.

Education

Master of Science in Computer Science and Engineering – Ohio State University – CGPA: 3.5

Dec 2024

Coursework: Neural Networks, Data Mining, Fairness in Artificial Intelligence and Databases, Data Visualization, Parallel Computing, Advanced OS, Cybersecurity

Bachelor of Technology in Computer Science and Engineering – Anna University – CGPA: 4

June 2021

Coursework: Problem-Solving, Object-Oriented Design, Data Structures & Algorithms, Databases, Operating Systems, System Design, Networking, Machine Learning