Shaik Younus
Senior Full Stack Java/AWS Developer
Work Authorization: H1B | Open to Relocation | In-Person: Yes
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PROFESSIONAL SUMMARY

Results-driven Full Stack Developer with 9+ years of experience in Java, Node.js, Spring Boot, AWS, and Microservices Architecture. Strong expertise in both front-end and back-end technologies, cloud-native services, CI/CD pipelines, and AI integrations using LangChain, LLaMA 2/3, Hugging Face, and Vector Databases (FAISS, ChromaDB). Experienced in signal computation, scalable backend services, and data infrastructure for ML and content quality systems. Strong ability to refactor legacy code, optimize SQL across billions of rows, and deliver end-to-end features with no QA support. Strong front-end skills with hands-on experience using Vue.js, Nuxt.js, Tailwind CSS, and Vuex/Pinia to build modern, performant web applications. Proficient in component testing using Jest and Vue Test Utils, with code quality enforced via ESLint and SonarLint.Proven track record delivering scalable, secure, and performant web applications, APIs, and event-driven systems in Agile/Scrum environments. Adept at implementing DevOps practices, developing containerized solutions using Docker/Kubernetes, and monitoring applications using Grafana, Prometheus, and ELK.

PROJECT HIGHLIGHTS

- **LangChain + Meta LLM Integration:** Engineered a secure local AI assistant using Meta's LLaMA 2/3, LangChain Tools, Agents, and vector databases (FAISS/ChromaDB).
- **Real-time Banking Analytics:** Deployed Spark + Kafka pipelines on Azure Databricks for fraud and transaction analytics.
- **Vue.js E-commerce POC:** Built a modern shopping interface using Vue 3, Nuxt, Vuex, and Tailwind CSS. Implemented product browsing, cart, and local persistence. Unit-tested with Jest and Vue Test Utils. Deployed via GitHub Actions to Vercel.
- **Scalable Microservices:** Built 30+ Spring Boot services deployed via Kubernetes on AWS and Azure.

CERTIFICATIONS

- AWS Certified Developer – Associate
- Java SE 11 Developer Certification

CORE COMPETENCIES

- **Languages:** Java, JavaScript, TypeScript, Python, Golang
- **Frameworks:** Spring Boot, Spring MVC, Spring Batch, React.js, Vue.js, Angular, Tailwind CSS, Pinia, Nuxt.js, Viex
- **Cloud Platforms:** AWS (EC2, S3, Lambda, ECS, RDS), Azure, GCP
- **Databases:** MySQL, PostgreSQL, MongoDB, Redis, Cassandra, DynamoDB
- **AI/ML Tools:** Hugging Face, LangChain, Meta LLaMA 2/3, FAISS, ChromaDB
- **DevOps & CI/CD:** Docker, Kubernetes, GitHub Actions, Jenkins, GitLab CI/CD, Terraform, Webpack, Yarn, ESLint, Sonarlint
- **Messaging/Event Systems:** Kafka, RabbitMQ, AWS SNS/SQS
- **Monitoring/Logging:** Grafana, Prometheus, CloudWatch, ELK Stack, Splunk
- **Others:** REST APIs, OAuth2, JWT, JUnit, Mockito, Testcontainers, Swagger, Postman

PROFESSIONAL EXPERIENCE

Client: John Deere Des Moines – Ankeley, Iowa

Role: Lead Full Stack Developer | *Feb 2024 – Present*
Project Description:
Worked on building and modernizing scalable microservices for manufacturing e-commerce platforms, focusing on real-time inventory sync, order processing, and intelligent product recommendations. Led key initiatives including AI-powered customer support, secure API integrations with ERP and logistics systems, and cloud-native deployments using container orchestration and observability tools. The goal was to deliver faster, smarter, and more secure online shopping experiences for B2B and B2C clients in the manufacturing sector.
Responsibilities:

- Developed and deployed scalable microservices using Java 17 and Spring Boot 3.x, with Kafka for real-time message-driven architecture and Redis for low-latency data caching.
- Designed secured API endpoints using OAuth2 and JWT, while implementing centralized exception handling via Spring AOP.
- Containerized services using Docker and deployed to Kubernetes with Helm charts and Horizontal Pod Autoscaling (HPA).
- Developed internal dashboard modules using Vue 3 and Tailwind CSS to visualize Kafka streaming events in real time.
- Enforced front-end code quality standards using ESLint and SonarLint, and wrote unit/component tests using Jest and Vue Test Utils.
- Designed and developed internal signal APIs to serve content quality metrics derived from ML pipelines, enabling real-time access to downstream systems.
- Refactored and migrated legacy database schemas supporting signal ingestion workflows, ensuring data integrity and zero downtime.
- Implemented distributed caching and indexing strategies to optimize retrieval of pre-computed ML features.
- Developed scalable SQL and Spark workflows to process datasets with billions of rows for real-time inventory and recommendation signals.
- Integrated Meta's LLaMA 2/3 models using LangChain to enable intelligent, contextual chatbot workflows with RetrievalQA and ConversationalRetrievalChain.
- Implemented AI-powered semantic search using FAISS/ChromaDB, enabling knowledge base access via LangChain agents.
- Achieved >90% test coverage using JUnit 5, Mockito, and Testcontainers for integration testing in CI pipelines.
- Monitored services using Grafana, ELK Stack, and Prometheus, establishing health metrics and alerting mechanisms.

Environment: Java 17, Spring Boot 3.x, Kafka, Redis, Docker, Kubernetes, Helm, LangChain, LLaMA 3, FAISS, ELK Stack, Prometheus, OAuth2

Client: First Citizens Bank – Raleigh, NC
Role: Senior Full Stack Developer | *Jul 2021 – Jan 2024*
Project Description:
Led the development of scalable ETL and analytics pipelines to process real-time banking and ITSM data for enterprise operations and customer analytics. The project involved integrating Azure-native services for cloud transformation, enabling a hybrid data platform using Spark and Databricks for analytics and decision-making dashboards.
Responsibilities:

- Built and managed cloud-native ETL pipelines using Azure Data Factory, Databricks, and Spark (Scala) to ingest and process transactional and operational datasets.
- Designed real-time data processing using Kafka and Spark Streaming, integrating financial transactions into Azure Synapse for downstream analytics.

- Built real-time and batch pipelines to compute financial risk signals and operational metrics for ML consumption and anomaly detection.
- Tuned large-scale Spark jobs and SQL queries over transactional datasets to reduce latency and resource usage across billions of rows.
- Automated ITSM workflows by integrating Python scripts with ServiceNow APIs, reducing ticket resolution delays and manual tasks.
- Built custom Power BI dashboards to track incident and change management metrics in real-time.
- Designed and developed an internal HR management platform using React, Redux, and Flask, integrating payroll, employee reviews, and leave management features.

Environment: Azure, Kafka, Spark (Scala), Databricks, Azure Synapse, Azure Data Lake, React, Redux, Flask, Airflow, Power BI, ServiceNow API

Client: Shaadi.com – Mumbai, India
Role: Senior Software Engineer III | *Jan 2018 – Dec 2020*
Project Description:
Modernized and re-architected the company's monolithic matchmaking application into cloud-native microservices using Kotlin, Golang, and Spring Boot. The project improved scalability, reduced load times, and enhanced matchmaking performance using geolocation and ElasticSearch-based search APIs.
Responsibilities:

- Led migration of the legacy app into microservices using Spring Boot, Kotlin, and Golang, improving performance and scalability by 25%.
- Developed high-performance search and geolocation APIs using ElasticSearch and Redis, enabling faster user discovery.
- Built web and mobile apps using React and React Native, deployed to Kubernetes via Azure AKS and Terraform.
- Refactored matchmaking UI using Vue.js and Vuex, improving state management and front-end performance by 20%.
- Built responsive user filters and search result components using Vue lifecycle hooks and Tailwind CSS utility classes.
- Implemented asynchronous messaging with RabbitMQ and secure user access with Azure AAD.
- Automated CI/CD pipelines using Jenkins and Ansible for faster releases with minimal downtime.

Environment: Java, Spring Boot, Kotlin, Golang, ElasticSearch, Redis, React, React Native, RabbitMQ, Azure AKS, Jenkins, Ansible, Terraform

Client: GSS Informatics Pvt Ltd – Hyderabad, India
Role: Full Stack Developer | *Jul 2015 – Dec 2017*
Project Description:
Worked on enterprise applications for fraud detection and internal systems modernization. Focused on transitioning legacy applications to microservices architecture and enhancing operational efficiency with geospatial intelligence and real-time analytics.
Responsibilities:

- Built a fraud detection platform using Node.js, Vue.js, and Google Maps API for real-time geolocation-based monitoring and alerting.
- Migrated legacy monolithic systems to Spring Boot microservices deployed on Pivotal Cloud Foundry (PCF).
- Containerized legacy applications using Docker and enabled CI/CD automation using AWS Lambda, CloudFormation, and Azure DevOps.
- Integrated internal dashboards using Power BI, and configured data pipelines for Oracle and SQL Server backend systems.

- Developed REST APIs with JWT-based authentication, improving system security and interoperability.

Environment: Java, Spring Boot, Node.js, Vue.js, Google Maps API, Power BI, PCF, Docker, AWS Lambda, Azure DevOps, Oracle, Azure Blob

EDUCATION:

Bachelor of Technology in Computer Science
Vellore Institute of Technology (VIT), Vellore, India – 2014