Name: Sanjeev
Senior Java Full Stack Developer
Mail: gaikwadsanjeevv77@gmail.com
Phone: 669-212-1884
Github: https://github.com/gaikwadsanjeevv
Linkedin: www.linkedin.com/in/sanjeevvg9

Professional Overview

Highly skilled **Full Stack Developer** with over 7 years of experience specializing in designing, developing, and maintaining scalable and robust web applications. Expert in **Java, Spring Boot, React, AWS, Apache Kafka, and GraphQL,** with proven ability to deliver seamless user experiences and high-performing backend systems. Adept at managing full project lifecycles using Agile methodologies and ensuring adherence to best practices in software development.

Core Competencies

- Frontend: React.js (Components, Hooks, Context API, Router, JSX), TypeScript, HTML, CSS, Bootstrap.
- Backend: Java (v17, v11, v8), Spring Boot, Spring Security, Node.js, GraphQL, RESTful APIs, Apache Kafka.
- Databases: PostgreSQL, Oracle, MongoDB, Cassandra.
- **Cloud: AWS** (EC2, S3, Lambda, RDS, CloudFormation), **GCP (GKE, Cloud SQL, Pub/Sub, Cloud Functions)**, Terraform, Azure.Tools: Docker, Kubernetes, Jenkins, GitHub, Jira, IntelliJ IDEA.
- Methodologies: Agile, Microservices Architecture, CI/CD Pipelines.
- SDLC Methods: Full Software Development Life Cycle (SDLC) with expertise in Agile methodologies, including Scrum-based development practices.

Professional Milestones

Client: EnCiv- Irvine, California (Project: Civil Pursuit) **Duration: July 2024 - Till Date**
Full Stack Java Developer

Project Overview:

EnCiv is a platform designed to enable large-scale, inclusive democratic discourse by facilitating structured and productive community conversations. The project focused on modernizing the civic engagement platform to prepare for anticipated growth, supporting a 200% increase in potential user participation by designing scalable React.js interfaces and robust microservices in Spring Boot. The architecture was integrated with Apache Kafka and AWS services to ensure readiness for real-time interactions and high reliability.

Project Responsibilities:

- **Developed and optimized React.js** components using **Hooks** and **Context API**, improving frontend **state management efficiency** and reducing **re-renders by 40%**.
- **Led the migration from monolithic to microservices architecture**, implementing **event-driven design with Axon Framework and RabbitMQ** for better scalability and real-time processing.
- Designed and implemented **scalable Spring Boot microservices** with **GraphQL** and **Apache Kafka**, enabling **real-time event-driven communication** and reducing **API response times by 50%**.
- **Refactored authentication and authorization** with **Spring Security** and **JWT**, strengthening **access control** and reducing **unauthorized access attempts by 60%**.
- Participated in rigorous **code and peer reviews** to maintain **coding standards, improve performance**, and ensure scalable microservices deployment across the GCP ecosystem.
- **Optimized PostgreSQL database schemas** and **integrated MongoDB** for flexible **NoSQL storage**, reducing **query execution times by 35%** and improving **data retrieval speeds**.

- Deployed 4+ Spring Boot microservices on **Google Kubernetes Engine (GKE)** and utilized **Cloud Functions** to process over **50K+ civic interaction events/month**, reducing infrastructure costs by **30%** through serverless architecture and auto-scaling.
- **Deployed AWS Lambda and S3** to build a **cost-efficient serverless architecture**, cutting **operational expenses by 30%** while maintaining **high availability**.
- **Configured automated security scanning and code quality checks using SonarQube, Veracode, and JFrog XRay, reducing critical vulnerabilities by 50%.**

- **Performed load testing** with **JMeter**, successfully validating **platform scalability** for **50,000+ concurrent users** with **99.8% uptime** in **test simulations**.

Client: Conduent- Austin,TX **Duration: Jun 2023 - May 2024**
Full Stack Java Developer

Project Overview: The Conduent Financial Transaction Monitoring System was developed to enhance the ability to detect and respond to suspicious activities across financial transactions. Developed a robust transaction monitoring system that processes over 10,000 transactions per second, leveraging React.js for dynamic dashboards and Spring Boot microservices integrated with AWS and Kafka for real-time fraud detection.

Project Responsibilities:

- **Developed and optimized React.js** dashboards with **real-time financial data visualization**, reducing user data retrieval latency by **45%** and improving fraud detection accuracy.

- **Designed and optimized a real-time financial fraud detection system**, leveraging **Spring Boot microservices, Kafka event streaming, and RabbitMQ for transactional processing**, reducing fraud detection time by **55%**.

- **Developed an event-driven transaction ledger system, utilizing Kafka Streams to store and process millions of financial transactions, improving reconciliation efficiency by 30%.**

- Integrated **GCP Pub/Sub** to streamline real-time message exchange between fraud detection services handling **10K+ transactions/sec**, and used **Cloud SQL** to store and query over **25 million transactional records**, ensuring 99.99% uptime and secure audit logging.

- Conducted regular **peer code reviews** for **real-time fraud detection modules**, focusing on optimizing Kafka streams and ensuring secure transaction flows.

- **Implemented RabbitMQ for real-time payment processing and queueing**, ensuring **sequential transaction handling and reducing API response times**.

- **Implemented event-driven architecture** with **Apache Kafka**, ensuring reliable **message streaming for over 1 million financial events daily**, reducing data loss incidents by **70%**.

- **Refactored PostgreSQL database schemas**, improving **query execution speed by 40%** and enhancing fraud pattern detection within financial transactions.

- **Integrated secure API authentication and access controls**, implementing **OAuth2, JWT, and API Gateway (Kong)** to protect financial transaction APIs.

- **Automated cloud infrastructure deployment** using **Terraform**, cutting down provisioning time by **50%** and ensuring **fault-tolerant AWS deployments**.

- **Integrated CI/CD pipelines** using **Jenkins and Docker**, reducing **deployment failures by 60%** and accelerating release cycles for new fraud detection features.

- **Developed JUnit and Mockito test cases**, achieving **85% test coverage** on microservices and **reducing post-deployment defects by 30%**.

Client: Study-Hub - Hyderabad, India (Sysark Datasol Pvt. Ltd) **Duration: Apr 2018 - May 2022**
Java Full Stack Developer

Project Overview: *Study-Hub.org* is a platform designed to provide students with various educational tools and resources to enhance their learning experience. Engineered a scalable learning platform supporting 100,000 users with React.js for dynamic course management and Spring Boot backend services deployed on AWS for real-time progress tracking and performance optimization.

Project Responsibilities:

- Led **code reviews and sprint demos**, ensuring clean architecture and modular React-Spring Boot integration; also provided **L2 production support** for issue triaging and resolution in live environments.
- Developed and optimized **React.js** components for interactive course management, improving page load speeds by **50%** and enhancing user engagement.
- Designed and implemented **Spring Boot microservices**, enabling seamless communication between learning modules and supporting **100,000 concurrent users**.
- Refactored and optimized **PostgreSQL database schemas**, reducing query execution time by **40%** and improving real-time student progress tracking.
- Leveraged **AWS Lambda, ECS, and S3**, ensuring **real-time learning progress tracking** and reducing response latency by **45%**.
- Implemented **Redis caching strategies**, reducing database query loads by **60%** and improving system scalability under peak traffic.
- Built and maintained **CI/CD pipelines** using **Bamboo and Docker**, reducing deployment times from **1 hour to 10 minutes** and improving release efficiency.
- Developed **JUnit and Mockito test cases**, achieving **90% test coverage** and reducing production defects by **35%** through rigorous automated testing.

Client: Cure.fit - Pune, MH, India (Swashtech Software Paradigm) **Duration: Jul 2016 - Mar 2018**
Java Software Developer

Project Overview: Cult.fit, formerly known as Cure.fit, aims to provide an integrated wellness platform combining fitness, nutrition, and mental health. Built a fitness and nutrition platform handling over 1 million active users by developing microservices with Spring Boot and deploying AWS cloud solutions for real-time data integration and performance scalability.

Project Responsibilities:

- Developed and optimized **Spring Boot microservices** with **REST APIs**, enabling **real-time data synchronization** across wearable devices and fitness tracking systems.
- Delivered **production support** for core health-tracking modules, resolving critical user-impacting issues, performance bottlenecks, and deployment blockers under tight SLAs.
- Designed and implemented **secure authentication and authorization** using **Spring Security and JWT**, reducing unauthorized access incidents by **50%**.

- Built **dynamic JavaScript-based user interfaces**, enhancing UI responsiveness and improving user engagement by **60%** across web and mobile platforms.

- Deployed **AWS EC2 and S3**, ensuring **scalable cloud infrastructure** that handled peak traffic with **99.9% uptime** and zero latency issues.

- Optimized **Oracle database queries**, improving **personalized fitness recommendation retrieval** speeds by **45%** and enhancing system responsiveness.

- Integrated **automated CI/CD pipelines** using **TeamCity**, reducing **deployment cycle times by 70%** and streamlining the release process.

- Developed and executed **JUnit and Mockito test cases**, achieving **85% test coverage** and decreasing post-release defects by **40%**.

Projects

Key Projects

Civil Pursuit Platform (EnCiv)

- Enhanced civic engagement through real-time data integration and secure, user-friendly interfaces.
- Implemented microservices with Node.js and Spring Boot, utilizing GraphQL for efficient data handling.
- Leveraged AWS services (EC2, Lambda) for scalable and cost-effective architecture.

Financial Transaction Monitoring System (Conduent)

- Built robust fraud detection tools with Spring Boot and React.js, ensuring regulatory compliance.
- Deployed applications on AWS, incorporating RDS and Kafka for real-time transaction analysis.

StudyHub LMS

- Developed dynamic course management tools with React.js and Spring Boot.
- Implemented AWS cloud solutions to enable real-time progress tracking and resource management.

Cure.fit Wellness Platform

- Created scalable fitness and nutrition modules with Spring Boot microservices.
- Deployed AWS cloud solutions to support real-time data integration and live tracking capabilities.

Education

- MS in Computer Science, University of Central Missouri, Warrensburg, Missouri,2024.
- Bachelor of Technology, SGGSIE&T, Vishnupuri, Nanded, MH, India 2009.