

Sanjan Vadi Full Stack Developer

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Profile

Experienced Full Stack Developer with 2+ years of expertise in Java and Spring Boot frameworks for building scalable back-end systems. Strong understanding of RESTful APIs and microservices architecture. Skilled in front-end development using ReactJS for creating dynamic user interfaces on the web. Proficient in deploying applications to Amazon Web Services (AWS), with a focus on optimizing performance.

Skills

Languages (Java, Python, JavaScript, TypeScript, HTML, CSS, SQL)

Frameworks / Technologies (REST, GIT, CSS, React.js, AngularJS, Next.js, Redux, MaterialUI, Spring Boot, TailwindCSS, Node.js, Express.js, Apollo GraphQL, Microservices, ORM (Hibernate, Mongoose),)

Database and Tools (SQL Server, Oracle, SQLite, MongoDB, NoSQL, Scrum, Agile, MVC/MVVM, CI/CD, SVN, Jenkins, Octopus, Visual Studio, VS Code, GitHub, Postman, Jupiter Notebook, Azure DevOps, AWS)

Professional Experience

Full Stack Developer, Capgemini

02/2024 – present | Remote, USA

- Developed a sophisticated banking system using a Microservices architecture, enhancing modularity and scalability in conjunction with Java Full Stack development.
- Integrated Spring Boot backend with Hibernate ORM and developed RESTful APIs to enable seamless communication between microservices. Utilized React.js for frontend development, ensuring a contemporary and user-friendly interface.
- Deployed microservices on AWS using EC2, RDS, S3, and CloudFront, ensuring high availability, scalability, and efficient resource utilization via containerization and orchestration.
- Implemented authentication and authorization protocols, using Hibernate for ORM to ensure efficient data management within SQL databases (e.g., MySQL, PostgreSQL). Ensured compliance with industry standards and regulations.
- Implemented load balancing, optimized database queries, and applied caching mechanisms to enhance performance, scalability, and security of the banking system, ensuring an exceptional user experience.

Software Engineer, Infosys

03/2021 – 07/2022 | Bangalore, India

- Collaborated with a 10-person team to build an e-commerce platform, employing modern technologies such as React, JavaScript, HTML, CSS, and Bootstrap for frontend, and Java with Spring Boot, Hibernate ORM, and Tomcat server for backend architecture.
- Implemented automated continuous integration and deployment (CI/CD) pipelines using Jenkins, Docker, and AWS EC2, streamlining development process by enabling automated builds, tests, and deployments.
- Engineered a MySQL database, applying efficient indexing strategies to optimize query performance for managing product, user, and order data, supporting a large dataset of over 10,000 records.
- Facilitated to creation of RESTful APIs employing Spring Boot, Swagger for meticulous API documentation, and Spring Security for authentication and authorization protocols, sustaining a performance rate of over 500 requests per minute.

Software Developer, Accenture

08/2020 – 02/2021 | Bangalore, India

- Managed and maintained applications for an E-commerce website, focusing on enhancing performance, reliability, and functionality.
- Identified and resolved bugs in microservices and RESTful APIs using Java, Spring, and SpringBoot, ensuring seamless operation of critical business functions. Additionally addressed mapping errors in the Database Schema using MySQL, optimizing data storage and retrieval processes.
- Utilized Elasticsearch and Solr for efficient search functionality within applications ensuring robust search capabilities and utilized Jenkins for continuous integration and deployment, ensuring smooth development workflows.

Education

Master of Science, Stevens Institute of Technology

09/2022 – 05/2024 | Hoboken, NJ, USA

Computer Science

Bachelor of Engineering, Basaveshwar Engineering College

08/2016 – 10/2020 | Bagalkot, India

Information Science and Engineering