

Viraj Patel

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PROFESSIONAL SUMMARY

Software Engineer with 3+ years of experience architecting and delivering full-stack applications, focusing on clean code, scalability, and maintainability across enterprise environments. Proficient in building interactive, component-based UIs using modern JavaScript frameworks such as Angular and React, with knowledge of front-end optimization and state management. Understanding of databases such as MySQL and MongoDB, implementing optimized queries, schema design, and data caching strategies to enhance performance.

WORK EXPERIENCE

iConsult Collaborative

Syracuse, USA

Software Engineer

Nov 2024 - Present

- Achieved 99.9 % uptime and seamless cloud scalability by architecting a modular Java application stack and containerizing services for automated deployments on AWS.
- Engineered responsive, real-time user interfaces using Angular and React.js, optimizing component performance and usability, resulting in a 25% increase in user engagement.
- Implemented asynchronous data pipelines and service communication using Apache Kafka and RabbitMQ, increasing message throughput by 40% and reducing system response time by 30% for real-time operations.
- Integrated event-driven architectures using AWS Lambda and SQS, enhancing system responsiveness and decoupling microservices for improved maintainability.
- Directed code reviews and test automation with JUnit, Mockito, and Jenkins pipelines, reducing bugs by 35% and ensuring production-readiness through consistent integration checks.

Oracle

Hyderabad, India

Software Engineer Intern

Jan 2023 - Jul 2023

- Built Python automation scripts to configure and test 30+ Jira/Confluence plugins, reducing repetitive manual tasks and increasing operational efficiency by 35%.
- Created and maintained 100+ Jira macros using custom JQL queries and version-controlled scripts, improving sprint planning accuracy and decreasing latency by 20%.
- Designed diagnostic scripts to audit plugin configurations and monitor system health, enabling early detection of misconfigurations and reducing QA manual checks by 30%.
- Implemented validation checks for 20 plugin features and embedded them in CI pipelines, identifying bugs pre-release and improving plugin uptime across production.

Mindtree

Bangalore, India

Software Engineer

Jan 2021 - Dec 2022

- Delivered audit logging, inventory updating, and financial reconciliation features, evidenced by zero data-consistency issues across monthly releases, through ACID-compliant Java REST services.
- Reduced API latency by 30 % by tuning asynchronous I/O and query handling in Node.js / Express.js, improving overall user-perceived performance during peak loads.
- Ensured high availability for cloud-native workloads by orchestrating AWS EC2, S3, Lambda, API Gateway, and DynamoDB, eliminating single points of failure and enabling blue-green deployments.
- Streamlined backend logic with Servlet-based request handling and effective use of JSTL to separate business logic from view layers, improving maintainability and MVC compliance.
- Collaborated with 5+ cross-functional teams throughout the end-to-end Software Development Life Cycle (SDLC), utilizing JIRA for Agile sprint management to deliver features ahead of schedule.

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript (ES6), TypeScript, SQL, C, C++, C#, Bash

Web Technologies: HTML5, CSS3, Bootstrap, jQuery, AJAX, JSP, Servlets, JSTL, JSON, XML

Frameworks & Libraries: Spring (MVC, Boot, Security), Hibernate, Microservices, Django, Flask, React.js, Vue.js, Node.js, Express.js

Cloud Platforms: AWS (ECS, Lambda, S3, DynamoDB, SQS, SNS, Cloudformation), Microsoft Azure, Google Cloud Platform (GCP)

Database & Data Management: MongoDB, MySQL, PostgreSQL, Oracle, JDBC, SQL Server, Snowflake

DevOps & Version Control: Docker, Jenkins, Maven, Git, GitHub, GitLab, Kubernetes

Methodologies: SDLC, Agile/Scrum, Waterfall, Test-Driven Development (TDD)

EDUCATION

Syracuse University

Syracuse, USA

Master of Science in Computer Science

Aug 2023 - May 2025

Nirma University

Ahmedabad, India

Bachelor of Technology in Computer Science

Aug 2019 - Jun 2023