

Mohammed Saqlain Patel

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Summary

Full Stack Developer with 4+ years of experience delivering scalable web applications using Java, React, and Spring Boot. Designed and deployed RESTful APIs and microservices to streamline backend operations, reducing latency by 30%. Automated deployment pipelines using CI/CD tools, cutting release cycles by 40%. Leveraged AWS and GCP to build cloud-native solutions, ensuring high availability and scalability. Containerized applications with Docker and orchestrated with Kubernetes, improving deployment efficiency.

Technical Skills

- **Frontend Development:** React.js, Redux, JavaScript, AJAX, WebSocket, HTML5, CSS3, Bootstrap, Angular
- **Backend Development:** Node.js, Express, Python, Flask, Java (Spring Boot, Spring MVC)
- **Database Management:** PostgreSQL, AWS RDS, MongoDB, MySQL, Sequelize ORM, GraphQL, Cassandra
- **Cloud & Deployment:** AWS (S3, CloudFront, Lambda, Elastic Beanstalk, EC2), GCP (BigQuery, APIGEE, Cloud Functions), Docker, Kubernetes, Terraform, Jenkins
- **CI/CD & DevOps:** GitHub Actions, AWS CodePipeline, Ansible
- **Testing & Quality Assurance:** Jest, React Testing Library, JUnit, Mockito, Selenium, Postman, PyTest
- **Others:** REST APIs, SOAP APIs, Hibernate, JPA, Microservices Architecture, XML, JSON, SonarQube, Agile (Jira, Git, Bitbucket)

Professional Experience

Senior Backend Developer, Walmart Global Tech

08/2025 – Present | Remote, USA

- Led the end-to-end migration of a large-scale enterprise application from Java 8 to Java 17, modernizing core libraries, refactoring deprecated APIs, and enabling long-term platform support, resulting in a 28% improvement in runtime performance and enhanced maintainability.
- Led the CCM (Configuration & Content Management) migration by consolidating legacy configuration files (XML/JSON/YAML) into Walmart's centralized config platform, standardizing service configurations across 40+ microservices and reducing config-related deployment failures by 35%.
- Collaborated with platform and security teams to triage Snyk-reported vulnerabilities, execute dependency upgrades, apply secure patches, and refactor risky components—removing 150+ high-risk vulnerabilities across multiple services.
- Launched unit and integration tests with JUnit and Mockito for backend services, ensuring robust functionality. Used Jest and React Testing Library for frontend tests. Automated the deployment pipeline with Jenkins for continuous integration and delivery (CI/CD).
- Refactored unit tests, integration tests, and mocks impacted by Java 17 behavioral changes, achieving 90% test coverage during the migration and ensuring zero-downtime production deployment.
- Deployed via Docker and Kubernetes on GKE, achieving 99.9% application uptime, 20% faster release cycles, and streamlined continuous integration/delivery pipelines for improved operational efficiency.

Software Engineer, Tata Consultancy Services Ltd

03/2021 - 01/2023 | Hyderabad, India

- Performed in-depth root cause analysis of complex API issues through detailed Splunk log analysis, identifying performance bottlenecks and inefficiencies, leading to timely resolution and preventing potential disruptions in service delivery within the organization.
- Proposed and deployed scalable microservices architecture for a German bank, leveraging RESTful APIs, Spring Boot, and Spring Security to enable critical business applications and ensure secure, seamless system integration.
- Spearheaded the creation of batch processors tailored for high-volume account opening workflows. Automated processes generated over 1,000 Excel reports monthly and securely transferred vital customer information via SFTP servers.
- Authored detailed workflow documentation and performed rigorous debugging and testing (JUnit, Mockito, INT, UAT), boosting code coverage by 20% and reducing team queries by 25%. Optimized code with SonarQube, lowering complexity by 35%.
- Administered and optimized system performance by configuring custom Nginx servers, AWS Load Balancers, and Edge Micro Servers.
- Utilized monitoring tools like AppDynamics to reduce downtime by 99%, ensuring consistent and highly available cloud services for business-critical applications.
- Managed multiple shifting priorities with cross-functional teams, driving initiatives aimed at improving system performance and proactively implementing preventative measures. Achieved a 10% reduction in error rates over three months, enhancing operational efficiency.

Backend Developer, Rohini Tech Media Pvt Ltd

05/2019 - 03/2021 | Hyderabad, India

- Conducted rigorous testing with JUnit for Java components and pytest for Python scripts, increasing overall test coverage by 35% and reducing critical defects in production by 20%, ensuring higher system reliability.
- Strategized and Collaborated backend solutions by integrating MongoDB and Redis caching, reducing data retrieval times by 35% and enhancing application performance. This approach optimized system efficiency and supported seamless scalability.
- Implemented the backend with Python/Django and optimized PostgreSQL queries, accelerating data retrieval and search functionalities by 30% while maintaining a near-zero error rate in data handling under peak load.
- Deployed the CMS on AWS, leveraging EC2 for hosting and S3 for static assets, and implemented Jenkins-based CI/CD pipelines, reducing deployment time by 40% and maintaining 99.9% application uptime in production.

Education

Master of Science, California State University
Computer Science

2023 – 2024 | Long Beach, CA, USA