

Sachin Devangan

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Summary

Results-driven Full Stack Developer with 3+ years of experience building scalable, high-performance applications. Proficient in Java, Spring Boot, Node.js, and modern front-end frameworks, I design microservices-based systems and leverage AWS to deliver secure, cloud-native solutions. I streamline development with robust CI/CD pipelines and automated testing, driving operational efficiency and exceptional user experiences in agile environments.

SKILLS & TECHNOLOGIES

- **Frontend Development:** React.js, Redux, JavaScript, HTML5, CSS3, Bootstrap, AJAX, WebSocket
- **Backend Development:** Java (Spring Boot, Spring MVC), Node.js, Express, Python (Flask), GraphQL, RESTful APIs, Microservices
- **Database Management:** MongoDB, MySQL, PostgreSQL, AWS RDS, DynamoDB, Redis
- **Cloud & Deployment:** AWS (Lambda, EC2, S3, RDS, CloudWatch), GCP, Docker, Kubernetes, Terraform, Serverless Architecture, Jenkins
- **CI/CD & DevOps:** Git, GitHub, GitHub Actions, AWS CodePipeline, Ansible, Agile/Scrum, DevOps Practices
- **Testing & Quality Assurance:** JUnit, Mockito, Jest, Mocha, Enzyme, Selenium, Postman, TDD, Automated Testing

WORK EXPERIENCE

LPL Financial

Remote, USA

Full Stack Developer

Sep 2024 - Present

- Led the design and development of a microservices-based digital payment gateway using Spring Boot, reducing transaction processing times by 30% and increasing concurrent user capacity by 50% through secure integrations with Stripe, PayPal, and banking APIs.
- Engineered dynamic front-end solutions with React, Redux Toolkit, and TypeScript, optimizing state management and DOM rendering to achieve a 40% faster page load time and a 25% boost in user engagement.
- Transformed backend architecture by developing secure, scalable microservices with Spring Boot and WebFlux, integrating Apache Kafka for real-time event processing and implementing RESTful APIs with OAuth 2.0 and JWT to cut API latency by 20%.
- Optimized deployment processes by containerizing applications with Docker and Kubernetes on AWS EKS, automating CI/CD pipelines with Jenkins, and deploying proactive monitoring with Prometheus and Grafana to ensure zero downtime and reduce operational costs by 35%.

Tata Consultancy Services

Remote, USA

Software Engineer

April 2024 – Sep 2024

- Developed a secure financial application with Java (Spring Boot) and React.js, processing up to 5,000 transactions per second.
- Devised a modular microservices architecture using Node.js and RESTful APIs, cutting development cycles by 30% and streamlining maintenance.
- Designed and deployed interactive user interfaces with React.js, Redux, HTML5, CSS3, and Bootstrap, boosting user engagement by 35% and improving usability by 20%.
- Integrated scalable databases—including MongoDB, MySQL, PostgreSQL, and AWS RDS—to optimize data retrieval amid rapid growth in user and product data, achieving a 40% reduction in average query response time.
- Implemented automated CI/CD pipelines with Jenkins and GitHub Actions, reducing deployment times by 40% and securing 85% code coverage through rigorous JUnit and Mockito testing, with real-time monitoring via AWS CloudWatch.

Cognizant

Remote, India

Software Developer

March 2020 – August 2022

- Streamlined a scalable data pipeline using Node.js, Express.js, and MongoDB to process over 5 million social media posts daily while integrating Apache Kafka for real-time streaming, boosting processing efficiency by 35%.
- Engineered interactive front-end dashboards with React.js, Redux, and D3.js to deliver real-time data insights, elevating user engagement by 20%.
- Optimized RESTful APIs and integrated third-party services (Twitter, Facebook, Instagram) to reduce API response times by 30% and enhance overall system performance.
- Spearheaded a serverless data architecture using AWS Lambda, S3, and Glue to cut infrastructure costs by 25% while sustaining high scalability and performance.
- Implemented robust CI/CD pipelines with Jenkins, Docker, and Kubernetes to automate deployment processes, reducing release times by 30% and achieving 85% code coverage through rigorous testing with Jest, Mocha, and Supertest.

EDUCATION

Stevens Institute of Technology

New Jersey, USA

Master of Science in Computer Science

September 2022 – May 2024

Savitribai Phule Pune University

Pune, India

Bachelor of Engineering in Information Technology

August 2016 – April 2020