

Shikhil Saxena

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PROFILE

Full Stack Software Developer with approx. 5 years of experience specializing in Java, Spring Boot, React.js, and RESTful APIs. Experienced in building scalable enterprise applications, securing systems using JWT and Spring Security, and deploying cloud-native solutions using Docker and CI/CD pipelines. Strong background in Agile development and large-scale system design.

EXPERIENCE

CDAC

Aug 2024 – Present

Project Engineer

Noida, India

- Engineered scalable backend modules for e-governance platforms using Java 21 and Spring Boot 3, supporting 6,000+ daily users.
- Implemented Spring Security with JWT authentication to strengthen application security.
- Designed and documented REST APIs using Swagger/OpenAPI, improving integration efficiency.
- Built responsive UI components using React.js and JavaScript.
- Integrated React.js frontend with Spring Boot REST APIs, enabling seamless end-to-end data flow and improved user experience.
- Maintained and optimized legacy JSP-based modules, reducing technical debt.

Freelance / Contract Work

Sep 2023 – July 2024

Software Developer

Remote

- Developed secure full-stack applications using React.js and Node.js with JWT-based authentication.
- Implemented secure file upload and download with checksum validation and protected routes.
- Integrated AWS services for scalable file storage and Docker for containerized deployments.
- Built CI/CD pipelines using GitHub Actions to automate build and deployment workflows.
- Collaborated directly with clients to gather requirements and deliver production-ready solutions.

Renault Nissan Technology & Business Center India

Jan 2021 – Aug 2023

Software Engineer

Chennai, India

- Led front-end development using React.js, Redux, and React Router for enterprise-scale applications.
- Created reusable UI component libraries, reducing development time by 50%.
- Integrated REST and GraphQL APIs for dynamic data rendering.
- Implemented unit and integration tests using Jest and React Testing Library.
- Worked in Agile teams using GitHub, GitLab, and CI pipelines.

PROJECTS

Spiro | *Python, Algorithm Optimization, Unit Testing*

- Developed a high-performance backtracking algorithm to solve Sudoku puzzles efficiently.
- Optimized candidate selection to achieve average solve times under 2 seconds.
- Validated accuracy across 1,000+ puzzles.

Toasty Haven | *HTML, CSS, JavaScript, Responsive Design*

- Built a responsive, WCAG 2.0-compliant website.
- Optimized front-end performance across devices.
- Achieved 90+ Lighthouse performance scores.

TECHNICAL SKILLS

Languages: Java, JavaScript, Python, SQL, HTML, CSS

Frameworks: Spring Boot, Spring Security, React.js

Technologies: REST APIs, JWT, Docker, CI/CD, DevOps

Tools: GitHub, GitLab, Jenkins, Jira, Swagger, VS Code

Cloud: AWS, Oracle Cloud Infrastructure

Databases: PostgreSQL, MongoDB

Practices: Agile, Scrum, SDLC

CERTIFICATIONS

Meta: Introduction to Databases; Database Structure and Management with MySQL; Version Control

HackerRank: SQL 3-Star Silver Badge

Oracle: SQL Explorer Badge

RNTBCI: ISIT Git CI/CD

AWS: Cloud Practitioner

Oracle Cloud Infrastructure (OCI): Foundations Associate (2025), Architect Associate (2025), DevOps Professional (2025)