

# 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.
- Maintained and optimized legacy JSP-based modules, reducing technical debt.

### 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.

### Freelance / Contract Work

Sep 2023 – Present

#### *Freelance 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 S3 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.

## 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.

### Freelance Project | React.js, Node.js, JWT, AWS S3, Docker, CI/CD

- Built a secure client portal with role-based access control.
- Implemented encrypted file upload/download workflows.
- Automated deployments using Docker and GitHub Actions.

## 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 (EC2, S3), Oracle Cloud Infrastructure

**Databases:** PostgreSQL, MongoDB

**Practices:** Agile, Scrum, SDLC

## CERTIFICATIONS

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**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)