



# Sohel Rana

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## Professional Summary

Java Spring Boot Engineer with hands-on experience in developing and deploying enterprise-grade applications, including multi-institute education management systems, biometric attendance integrations, and SaaS-ready platforms. Skilled in backend and frontend development, API design, and production-level deployments on AWS. Passionate about building scalable, secure, and maintainable software solutions with a focus on business growth and automation.

## Technical Skills

- Languages: Java, JavaScript, SQL, HTML, CSS, Python
- Frameworks & Libraries: Spring Boot, Spring Security, Hibernate/JPA, React.js, Redux
- Databases: MySQL, PostgreSQL
- DevOps & Deployment: AWS EC2, Apache Tomcat, CentOS/RHEL, Git, GitHub Actions
- Tools: Maven, Postman, Swagger, IntelliJ IDEA, VS Code
- Other Skills: REST API Development, Role-Based Access Control, SaaS Architecture, Image & File Storage, Log Management, Installer-based Client Agent Setup

## Professional Experience

Mysoft IT Solution – Software Engineer

Oct 2022 – Present

- Designed and implemented multi-institute School Management System with dynamic role & privilege management.
- Developed Quiz & Exam Management System with token-based authentication and React + Redux frontend.
- Integrated ZKTeco biometric attendance devices across multiple locations with Spring Boot backend and Python-based sync agent.
- Managed production deployments on AWS EC2 with secure configurations, automated backups, and log rotation.

Softlab – Junior Software Engineer

8 Months

- Assisted in developing Java Spring Boot applications and maintaining existing client projects.
- Contributed to API design, database modeling, and bug fixing in enterprise applications.

## Key Projects

- School Management Software: Java 8, Spring Boot, Thymeleaf-based system with dynamic role management and multi-institute support. [Project-1](#), [Project-2](#), [Project-3](#)
- Provide dynamic almost 120 educational Institute websites in Different Styles.
- Quiz & Exam Management Platform: Token-based authentication, centralized API structure, and React + Redux frontend.
- ZKTeco Attendance Integration: Multi-location device management, real-time sync agent, and production deployment on AWS.
- Image Storage & Retrieval System: Categorized image storage paths and AWS EC2 deployment for production readiness.

## Education

B.Sc. in Computer Science & Engineering

## Additional Information

- Languages: Bangla (Native), English (Professional)
- Interests: SaaS Product Development, Technical Consultation, Automation Solutions