

# Amanul Haque

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## PROFESSIONAL SUMMARY

Java Full Stack Developer with 6 month of hands-on experience building enterprise applications using Spring Boot, Hibernate, and React.js. Proven expertise in developing RESTful APIs, database optimization, and implementing secure authentication systems. Strong foundation in Java programming, object-oriented design, and agile development methodologies.

## EDUCATION

### Bachelor of Technology in Computer Science – CGPA: 8.0/10.0

2021 – 2025

Chaudhary Charan Singh University (SCRIET)

Meerut, Uttar Pradesh

## TECHNICAL SKILLS

**Core Java:** Java SE/EE, OOP Concepts, Collections Framework, Exception Handling, Multithreading, JDBC

**Frameworks:** Spring Boot, Spring MVC, Hibernate ORM, Spring Security, JPA

**Databases:** MySQL, MongoDB

**Web Technologies:** RESTful APIs, Servlets, JSP, HTML, CSS, JavaScript, React.js

**Tools:** Git, Maven, IntelliJ IDEA, VS Code, Postman, JWT Authentication

## EXPERIENCE

### AI Engineer

Jan 2025 – Present

SafaHomes

Remote

- Developing AI-powered floor plan generation system using Java-based backend services and machine learning integration for automated architectural design creation
- Implementing RESTful APIs and microservices architecture to handle image generation requests and optimize system performance

### Java Full Stack Developer Intern

Mar 2024 – Aug 2024

QSpiders

Noida, India

- Developed enterprise-level applications using Spring Boot framework with Hibernate ORM for Online Voting Survey and E-Commerce platforms serving 500+ concurrent users
- Designed and implemented RESTful APIs with Spring MVC, integrated JWT authentication, and applied Spring Security for role-based access control
- Optimized MySQL database operations using Hibernate query optimization and indexing strategies, reducing query response time by 40%
- Implemented exception handling, logging frameworks (SLF4J), and unit testing using JUnit for robust application development

### Software Developer Intern

July 2023 – Aug 2023

Indian Railways

Varanasi, India

- Built Library Management System using Java, JDBC, and MySQL handling 1000+ daily transactions with efficient database connectivity
- Collaborated in 5-member agile team implementing MVC architecture and following Java coding standards

## PROJECTS

### Online Voting Survey Platform | Spring Boot, Hibernate, MySQL, REST APIs, React.js

Mar 2025

- Architected full-stack application using Spring Boot with JPA/Hibernate for ORM, implementing DTO pattern and service layer architecture
- Created RESTful endpoints with @RestController annotations, request validation, custom exception handling, and duplicate-vote prevention logic
- Designed normalized database schema with entity relationships, implemented CRUD operations using Spring Data JPA repositories

### PrepAI - Interview Preparation Platform | Node.js, Express.js, MongoDB, JWT, AWS

Aug – Sep 2024

- Built secure RESTful APIs with JWT token-based authentication, implemented middleware for request validation and error handling
- Deployed scalable application on AWS EC2 with MongoDB Atlas, optimized database queries handling 10,000+ user records efficiently