

Ayush Aman

Software Developer

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Summary

Full Stack Java Developer with hands-on experience in Spring Boot, Spring Data JPA, RESTful APIs, and MySQL. Experienced in developing and maintaining web applications with dynamic front-end integration using HTML, CSS, Bootstrap, and Thymeleaf. Strong in backend development, database interaction, and writing clean, maintainable Java code. Seeking a Java developer role to apply technical skills in real-world software projects.

SKILLS

- **Programming Languages:** Java (Core & Advanced) C, C++.
- **Frameworks & Technologies:** Spring Boot, Spring MVC, REST APIs, Spring Data JPA.
- **Front-End:** HTML5, CSS, Thymeleaf.
- **Databases:** PostgreSQL, MySQL (with Spring Data JPA integration).
- **Tools:** VS Code, Eclipse, Git, Maven

PROJECT EXPERIENCE

Employee Management Web Application (Independent Role)

Developed a secure web app using Spring Boot, PostgreSQL, and Thymeleaf with login/authentication, onboarding, and search features.

- **Login & Authentication:** Validated credentials with “Forgot Password” to email user ID & password.
- **Role-Based Credential Setup:** HRs can generate credentials sent via email using Spring Boot Mail Sender.
- **Employee Onboarding:** Auto-generated Employee ID (EMPXXX) and unique Login ID. ID proof (PDF, 10KB–1MB) upload supported.
- **Sorting, Pagination & Actions:** Sortable by Name and Salary with paginated view. Includes View and Delete options.
- **Optimized Deletion:** Reduced database overhead by deleting via ID only, increasing efficiency by approx. 40%.

• **Tech Stack:**

Spring Boot, Spring MVC, Spring Data JPA, Spring Boot Mail Sender, PostgreSQL, Thymeleaf, Bootstrap, HTML/CSS

Tools: Eclipse, Maven, Git

Online Test Web Application (Independent Role)

Developed an online test platform using Spring Boot, PostgreSQL, and Thymeleaf, allowing users to take MCQ tests with real-time evaluation.

- **Question Management:** Built a dynamic question bank system allowing users to create MCQs with multiple options, securely stored in PostgreSQL using Spring Data JPA.
- **Spring MVC Integration:** Used Spring Boot Controllers to manage request-response flow and Thymeleaf for rendering dynamic pages.
- **Quiz Execution:** Enabled users to start a quiz, fetching randomized questions dynamically from the database.
- **Database Management:** Ensured efficient retrieval and storage of questions & user responses using PostgreSQL indexing.

• **Tech Stack:**

Spring Boot, Spring MVC, Spring Data JPA, PostgreSQL, HTML, CSS, Bootstrap, Thymeleaf

Tools: Eclipse, Maven, Git

EDUCATION

Bachelor of Technology (B. Tech) – Civil Engineering

Uttarakhand Technical University, Dehradun | CGPA: 7.1

2021–2024

Diploma in Engineering – Civil Engineering

Roorkee Institute of Technology, Haridwar | CGPA: 7.8

2018–2021

Higher Secondary Certificate (12th)

S.N Sinha College, Aurangabad | 1st Division

2018

CERTIFICATES & TRAINING

• **Corporate Training – Java Technology (Naresh I Technologies, Hyderabad)**

2024

Hands-on training on Java, Spring Boot, Spring DataJPA REST APIs, JSP, Thymeleaf.

INTERPERSONAL SKILL

- **Leadership & Teamwork** – Led event organization, handling logistics for 250+ attendees, ensuring smooth execution.
- **Public Speaking** – Performed as a vocalist and guitarist in front of 500+ audiences, developing confidence & stage presence.
- **Communication** – Hosted college events, engaging audiences through clear articulation & interactive discussions.

LANGUAGES

- **English** – Professional Proficiency
- **Hindi** – Native/Bilingual Proficiency