

# Manas Ranjan Patra

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## SUMMARY

- Skilled **Java Full-Stack Developer** with hands-on experience in building web applications using **Java, Spring Boot, React.js, and MySQL**. Proficient in creating **REST APIs**, implementing **JWT authentication**, and optimizing **API performance**. Passionate about writing **clean, maintainable code** and collaborating in **Agile environments** to deliver **efficient and scalable solutions**. Quick learner, adaptable, and eager to contribute to **innovative projects**.

## WORK EXPERIENCE

### Alstonair Technologies Pvt Ltd | (Full Stack Intern)

April 2025 - Sept 2025.

- Developed a responsive **Event Management** web application using **React.js, Spring Boot, and MySQL**, enabling smooth event creation, registration, and dashboard features.
- Improved backend performance by **40%** through optimized **database queries** and **caching**, resulting in faster API response times and better user experience.
- Optimized **React.js** components and API calls to make the site faster and improve user experience.
- Collaborated with teams in an **Agile environment** to deliver features on time and improve overall code quality.

## PROJECTS

### SkillHub – Online Learning Platform | [LINK](#)

Jan 2025

- Built an interactive online learning platform using **React.js, Spring Boot, and MySQL**, enabling students to browse courses, enroll, and learn interactively.
- Implemented **role-based access control (Student, Instructor, Admin)** using Spring Security and JWT authentication for secure and restricted access.
- Built instructor features to **create courses, upload lessons, manage enrollments**, and monitor student engagement.
- Designed an **admin analytics dashboard** displaying platform statistics such as total users, course enrollments, and performance metrics.

### LifeCare System | [LINK](#)

Oct 2024

- Created a **full-stack hospital management system** using **React.js, Spring Boot, and MySQL** to manage patients, doctors and appointments effectively.
- Designed a **responsive dashboard** for doctors and admin users with analytics like daily appointments and revenue.
- Implemented an **AI-powered chatbot system** to help patients resolve their queries instantly, improving user experience and reducing admin workload.
- Implemented secure appointment workflows with validation to prevent double-booking and ensure accurate doctor availability.

## SKILLS

**Programming Languages :** Java , JavaScript , HTML, CSS .

**Frameworks & Libraries :** Spring Boot, React.js .

**Database :** MySQL, MongoDB .

**Tools & Platforms :** IntelliJ IDEA, VS Code, Git, GitHub, Render.

**Soft Skills :** Problem-Solving , Team Collaboration .

## EDUCATION

### Srinix College of Engineering

Balasore,Odisha

Bachelor of Technology in Computer Science ; CGPA : 8.5

Nov 2021 - Mar 2025

### Sriram Residential College

Soro,Odisha

Higher Secondary Education ; percentage : 70%

Feb 2019 - May 2021

## CERTIFICATES

### Java Programming Certification (Udemy) | [CERTIFICATE](#)

Oct 2024

- Completed an extensive Java course covering core concepts, OOP, collections, multithreading and coding practices.
- Strengthened Java fundamentals through hands-on exercises and real-world coding challenges.

### Full Stack Development (Edureka) | [CERTIFICATE](#)

Nov 2023

- Enhanced problem-solving and debugging skills through hands-on coding exercises and real-world projects
- Gained proficiency in full-stack development, achieved Edureka Fullstack Developer Certification.