

Sandeep Kumar Sahu

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Objective

To leverage my skills in Java, Spring, and Microservices to contribute to innovative and dynamic teams in full-stack development roles.

Education

Bachelor of Science in Computer Science

Maharaja Sriram Chandra Bhanja Deo University, Odisha

Graduation Year: 2024

- Data Structures & Algorithms
- Operating Systems
- Software Engineering
- Database Management Systems
- Web Technologies

Technical Skills

- **Programming Languages:** Java, JavaScript, HTML5/CSS3
- **Frameworks:** Spring Framework/Spring Boot, React.js, Bootstrap
- **Technologies:** Microservices, RESTful APIs, MVC Architecture
- **Databases:** MySQL, Oracle
- **Tools & Platforms:** Git/GitHub, IntelliJ IDEA, VS Code, Firebase
- **Concepts:** OOP, DBMS

Experience:

- Frontend Developer Intern, Nullclass Company (6 months)
- Developed responsive and user-friendly UI components using React.js and Bootstrap
- Collaborated with the development team to implement new features and fix bugs
- Gained experience with Agile development methodologies and version control systems (Git)

Projects

1. E-Commerce Website – Java, Spring Boot, Microservices

- Developed a complete e-commerce platform using a microservices-based architecture.
- Created individual services for user management, product catalog, order processing, and payments.
- Implemented secure login/signup authentication, real-time cart updates, and admin control panel.

- Tech Stack: Java, Spring, Spring Boot, Microservices, REST APIs, MySQL
- Frontend: HTML, CSS, JavaScript

2. Real-Time Video Streaming Platform – Full Stack UI

- Live Video Streaming: Real-time video transmission to a large audience.
- Interactive Chat: Viewers can engage with the streamer and each other through live chat.
- Real-time Comments: Viewers can leave comments and interact with the streamer.
- Streaming Quality: High-quality video streaming with adjustable settings.

3. Student Management System - Java Servlets, MySQL, HTML/CSS

- Developed a comprehensive student management system with login, registration, forgot password, delete, and edit features.
- Implemented user authentication and authorization using Java Servlets.
- Designed a user-friendly interface with HTML/CSS and utilized MySQL database for data storage.
- Added delete and edit functionality for student accounts, enhancing student management capabilities.

Key Features:

- User authentication and authorization for students and administrators.
- Registration with unique ID and password.
- Forgot password functionality with password retrieval.
- Delete account functionality for administrators.
- Edit profile functionality for students and administrators.

Certifications

- Certified Front-End Developer Training
- Java Programming – Oracle Foundation Level

Languages

- English (Fluent)
- Hindi (Fluent)

Interests

- Web Development and Scalable Applications
- Exploring UI/UX in Gaming
- Problem Solving and Competitive Programming

[Sandeep Kumar Sahu]