

SATYABRATA BEHERA

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Career Objective:

Enthusiastic Java FullStack Developer focused on backend development, eager to build scalable applications and grow with modern tech teams and grow with modern tech teams.

Technical Skill:

- **Programming Languages:** Core Java | JavaScript (Fundamental)
- **Web Development:** HTML | React.js | Tailwind CSS
- **Backend & Frameworks:** Spring Boot | Spring Security | Microservices | WebSocket
- **Architecture & Patterns:** Event-Driven Architecture (Apache Kafka)
- **Tools & IDEs:** VS Code | IntelliJ | Git | GitHub
- **Database:** MySQL
- **Expertise Areas:** Programming , Problem Solving

Projects:

1. [PG-Management-System](#)

Idea:

I built a web-based PG Management System where new students can register online, submit their personal details, and upload their Aadhar card. The goal is to help PG owners manage student records digitally instead of on paper.

Technologies Used:

I used Spring Boot for the backend, secured with Spring Security and JWT. User data is stored in a MySQL database. For real-time updates, I integrated Kafka and WebSocket. The frontend is developed with React.js, styled using Tailwind CSS and MUI, and built with Vite for faster development. User data is stored in a MySQL database.

Tools Used:

I worked with Git, GitHub, VS Code, Postman, and npm. For quality, I used ESLint and Browser DevTools.

About the Project:

Students register by filling in details like name, permanent and current addresses, phone, email, and Aadhar card number, and uploading their Aadhar file. After registration, the PG owner is notified instantly via WebSocket. The owner can search for students, view their details, download Aadhar documents, and delete records when students leave. All data is stored securely in MySQL, with JWT authentication ensuring security and global exception handling providing consistent API responses.

2. [Learning-Management-System](#)(Ongoing)

Idea:

Building a web-based Learning Management System where users can explore, purchase, and seamlessly stream online courses, aiming to provide a modern, interactive, and scalable e-learning experience.

Technologies Used:

Spring Boot microservices, Spring Security (phone login + OAuth2), Kafka, WebSocket, Twilio, Razorpay, HLS. Frontend in React.js, Tailwind CSS, Vite, Video.js, HLS.js, Axios.

About:

Users browse courses, pay securely, stream videos via HLS, and get real-time notifications. Admins manage videos, users, and payments.

Internships:

- **Java FullStack Developer** | Oct 2024 – Present
Jspider, Bengaluru

- Developed and maintained full-stack web applications using **Java**, **SpringBoot**, **Apache Kafka**, and **MySQL**.
- Built responsive frontends with **HTML**, **CSS**, and **Tailwind CSS**, integrating REST APIs.

Certifications:

1. **Java with DSA & System Design**—*Physics Wallah*

Education:

1. Completed **B.Tech (COMPUTER SCIENCE AND TECHNOLOGY)** in Trident Academy Of Technology, Bhubaneswar affiliated to Biju Patnaik University of Technology with CGPA of 7.03
2. Completed intermediate from **Ramarani College Of Science & Technology Balasore**, Odisha State Board, in the academic year 2020.
3. Completed Matriculation from **N.A.C High School Soro, Balasore** in the academic year 2018 .