Kanhu Charan Behera

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PROFILE

Certified Java Full Stack Developer with a strong foundation in software development and a Bachelor's degree in Computer Science. Passionate about building responsive, user-centric web applications using Java, React, and Spring Boot.

EDUCATION

Biju Patnaik University of Technology   *Rourkela, Odisha*
Master's in Computer Application (MCA)   2022 – 2024

- Among the top 5% of the batch
- Relevant coursework in Java, Spring Boot, React, Web Development, and Database Management.

Fakir Mohan University   *Balasore, Odisha*
Bachloer's in Science(Bsc)

Gayatri Science College   Bhubaneswar, *Odisha*
12ᵗʰ in Science(Intermediate)

SKILLS

Technical: SQL, Java,J2E, Spring Boot, Hibernate, React,Bootstrap,Javascript,CSS,HTML

Tools: JIRA, AWS , Maven ,Git Hub ,Bit Bucket, Postman ,Swagger, MobaXterm ,SonarQube ,Docker, Kubernetes,

Jenkins,Redis Cache, Apache Kafka, Jmeter

Training & Certification

JSpider   Hyedrabad, *India*
Java Full Stack Development   1ˢᵗ Aug, 2024 to present

- Hands-on training in full stack development using Java, Spring Boot, Hibernate, React.js, and RESTful APIs
- Assisted in Worked on mini-projects integrating frontend and backend using real-time tools and development practices

Internship studio   Remote Internship
Java Developer Intern(*[link]( )*)   22nd June, 2024 to 27th July, 2024

- Worked on Core Java concepts including OOPs, exception handling, and collections; implemented JDBC for database connectivity and CRUD operations using MySQL in a team-based environment.
- Collaborated with the team on Java-based application modules and improved problem-solving through debugging and code testing.

PROJECTS

Integrity Eligibility System(IES)   01/ 04/2025– present

- Developed a scalable microservices-based **Integrity Eligibility System** to manage user eligibility and data validation for internal processing workflows. Applied modular design principles to separate concerns and improve service maintainability.
- Implemented services using **Spring Boot**, exposed RESTful endpoints, used **Redis Cache** for performance optimization, and integrated **AWS S3 Bucket** for secure file storage
- Improved system response time by caching high-frequency data with Redis, enhanced scalability through microservice decoupling, and ensured secure file handling using AWS S3. Delivered a robust and testable backend solution ready for production deployment.

Educational Application*(link)* 25/02/25 – 05/03/25

- Developed a comprehensive Education Application with features like user registration, login/logout, and CRUD operations for courses. Implemented search functionality and synchronized data for smooth operations. Utilized Spring MVC for backend logic, REST APIs for communication, and Bootstrap for responsive front-end design.
- Utilized **Spring Boot** for rapid development, **REST APIs** for seamless communication between modules, and integrated a relational database for persistent storage.

Report Application*(link)* 01/01/25 – 15/02/25

- Developed a **Report Management System** to generate, manage, and export user and system reports. Designed controller layers and service classes following **Spring MVC** architecture for clean separation of concerns. Provided actionable insights on product performance to drive business decisions.
- Utilized **Spring Boot** for rapid development, **REST APIs** for seamless communication between modules, and integrated a relational database for persistent storage.

ACHIEVEMENTS

- NPTEL Certification in Cloud Computing ,Soft Computing , Data Mining ,IOT– IIT Kharagpur – [Apr/2024] *(link)*
- Successfully built and deployed a **Forensic Lab Management System** as a full-stack web application using **Java, Spring Boot, React.js, and MYSQL** as part of academic project work.
- Secured **First Prize** in District-Level Debate Competition during school years – [2016]