SANDEEP KUMAR SAMAL

■ Bhubaneswar, India 751001   ■ +91 7978227585   ■ sandeepkumarsamal39@gmail.com

LinkedIn | Portfolio | GitHub

PROFESSIONAL SUMMARY

Skilled Software Engineer with 4+ years of experience building scalable, high-performance applications using **Java, Spring Boot, and PostgreSQL**. Strong in **microservices, REST APIs**, and secure coding practices. Proficient with **DevOps tools** like **Docker and Jenkins**. Known for delivering user-focused solutions and driving project success.

EDUCATION

Bachelor of Technology : Electronics and Communications Engineering, **04/2020**
Centurion University of Technology And Management - Bhubaneswar

SKILLS

- **Languages & Frameworks:** Java 8/11, Spring Boot, Hibernate, Spring Security, DSA
- **Web Technologies:** React**,** HTML, JavaScript, JSP
- **API Development:** RESTful APIs, Swagger

- **Architectures:** Microservices, Monolithic, Layered Architecture
- **Databases:** PostgreSQL, MySQL
- **DevOps & Tools:** Docker, Jenkins, GitHub, SVN, CI/CD, Agile, Waterfall

WORK HISTORY

ASSOCIATE CONSULTANT   *10/2024 to Current*
Infosys Technology, Bhubaneswar, Odisha

- Spearheaded the adoption of cloud-native tools to align with organizational IT strategies
- Enhanced expertise in microservices architecture and RESTful API optimization through hands-on training
- Collaborated with cross-functional teams to streamline workflows and implement Agile best practices
- Worked closely with business analysts and end-users to refine user requirements and deliver optimized lab operations .

SOFTWARE ENGINEER   *10/2021 to 10/2024*
Aashdit Technologies, Bhubaneswar, Odisha

- Conducted code reviews across 5+ projects, improving system reliability by 20%
- Led the integration of advanced technologies, boosting application performance by 15%
- Streamlined algorithms, reducing computation time by 25% and enhancing user experience
- Awarded Employee of the Year (2022) for innovation, project success, and team collaboration

PROJECTS

Project 1: P&G – LAVANTAGE (Laboratory Information Management System)
Duration: **February 2025 – Present**
Domain: **LIMS (Laboratory Information Management System)**
Tech Stack: **Java 11, Spring Boot 3, PostgreSQL, REST APIs, Spring Security, Docker, Microservices**

- Developed and maintained core LAVANTAGE modules including Sample Management, Result Entry, and Workflow Automation to streamline laboratory operations.
- Built robust and scalable REST APIs enabling seamless data exchange between lab systems and internal applications.
- Automated lab validation processes and tracking of test samples, reducing manual errors and improving operational efficiency.

Project 2: VISA – Transaction Monitoring System
Duration: **October 2024 – January 2025**
Tech Stack: **Java 11, Spring Boot, Microservices, PostgreSQL**

- Contributed to the Alert Generation Module to identify and flag suspicious financial transactions.
- Implemented validation checks to ensure transaction data integrity.
- Resolved API-related bugs and actively participated in integration and deployment testing.
- Supported post-release validation and monitoring activities.

Project 3: HIIMS – Higher Education Information Management System
Duration: **December 2023 – September 2024**
Tech Stack: **Java 8/11, Spring Boot 3, PostgreSQL, Spring Security, REST APIs**

- Designed and developed a scalable system for 50+ institutions managing over 10,000 student records.
- Integrated Role-Based Access Control (RBAC) for secure access to sensitive academic data.
- Developed an automated attendance tracking module to enhance administrative efficiency.
- Utilized Swagger for comprehensive API documentation and integrated third-party systems for onboarding.

PROFESSIONAL ATTRIBUTES

- Problem-Solving: Efficiently resolved critical system bugs .
- Leadership: Successfully led and contributed to multiple high-impact projects, exceeding client expectations.
- Continuous Learning: Pursuing certification in Microservices Architecture & Cloud Technologies.
- Adaptability: Quickly adapt to new technologies and methodologies, ensuring smooth transitions and implementations.