Sandeep Kumar Samal

[sandeepkumarsamal39@gmail.com](mailto:mailtosandeepkumarsamal39@gmail.com)| +91 7978227585 | Bhubaneswar, Odisha 751001 |

[**LinkedIn**](https://www.linkedin.com/in/s-k-samal-sk9583) | [**GitHub**](https://github.com/MicroStarkDev) | **Portfolio**

|  |
| --- |
| Professional Summary |

* 4 years of experience in designing and developing scalable applications using ****Java 8/11****, ****Spring Boot****, and ****Hibernate****
* Strong expertise in ****microservices architecture****, ****RESTful API development****, and ****PostgreSQL****
* Proficient in enhancing application performance and applying ****secure coding best practices****
* Hands-on experience with ****DevOps tools**** like ****Docker**** and ****Jenkins**** for streamlined CI/CD workflows
* Known for delivering ****user-centric, high-quality solutions**** in fast-paced, ****Agile environments****

|  |
| --- |
| Education |

### ****Bachelor of Technology in Electronics and Communication Engineering**** June 2016 – April 2020

**Centurion University of Technology and Management**, Bhubaneswar, Odisha

|  |
| --- |
| Skills |

* **Languages & Frameworks:** Java 8/11, Spring Boot, Hibernate, Spring Security, React.js, DSA
* **Architectures:** Microservices, Monolithic, Layered
* **Web Technologies:** HTML, CSS, JavaScript, JSP
* **Databases:** PostgreSQL, MySQL
* **API Development:** RESTful APIs, Swagger/OpenAPI
* **Version Control:** Git, GitHub, SVN
* **DevOps:** Docker, Jenkins
* **Tools:** Postman, Maven, IntelliJ IDEA, VS Code
* **Methodologies:** Agile (Scrum), Waterfall

|  |
| --- |
| Work History |

|  |  |
| --- | --- |
| Oct 2024 - Current  Associate Consultant  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 . |

|  |  |
| --- | --- |
| Oct 2021 - Oct 2024  Software Engineer  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: Procter & Gamble  – 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**** for 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 participated in ****integration and deployment testing****.
* Supported ****post-release validation and monitoring**** to ensure system stability and accuracy.

****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 handling of sensitive academic data.
* Developed an ****automated attendance tracking module**** to improve administrative efficiency.
* Utilized ****Swagger**** for API documentation and integrated third-party systems for seamless 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.