

Dibyajyoti Sahoo

Personal Information:

Name: Dibyajyoti saho

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DOB: 22-06-1999

Mobile number: 6371671360

Current location: Hyderabad

Native location: Odisha

Github Id: <https://github.com/Dibyachintu>

Professional Experience:

- Working as **Software Intern** from **28th January 2022 to 27th June 2022** in **Absec lab pvt ltd.**
- Working as a Software Engineer from **June 28, 2022 to Jan 28th 2024** **Absec Lab Pvt. Ltd.** in **Bhubaneswar.**
- **2-year** experience in the area of **Software engineer** (Java software engineer).
- I have a strong background in full-stack development, which includes working with frontend technologies like **HTML, CSS,** and **JavaScript** frameworks (**Angular**), as well as backend development using **Java** and **Spring Boot.**
- I possess in-depth knowledge of **Spring Boot**, a powerful framework for building Java-based web applications and microservices. I have used **Spring Boot** to create **RESTful APIs**, implement security mechanisms, and handle database interactions through Spring Data JPA or Hibernate.
- I am proficient in working with various **databases**, including **SQL** databases like **MySQL, PostgreSQL** and **Oracle SQL.** I can design efficient database schemas and optimize database queries.

Technical Skills:

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|------------|---|
| Skill sets | Core Java, Spring Boot, JSP, JPA, APIs, HTML, CSS, JavaScript, Hibernate, Apache Tomcat, Bootstrap css4, Data structure, Angular |
| Languages | Java, C++, C, J2EE |

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|-------------|--|
| Environment | Windows 10, Windows 11, Linux, Mac |
| Database | SQL, PostgreSQL, MySQL, Oracle |
| Tools | SQL server, PostgreSQL, Spring tool suite, VS Code, Eclipse |

Live Project:

1- WWMS: MDM Migration from PDA to iPad

- The migration of the **MDM** section's **PDA** functionality to the **iPad**. Currently, Metering Data Management (MDM), a section in SPS, is using Intermec **PDAs** for field service operations.
- The scope involves assessing the current **MDM** infrastructure, identifying compatibility gaps, and developing a comprehensive migration plan. It includes data migration, device enrolment, app provisioning, and user training for the iPad platform.
- The migration will be carried out in phases, with a thorough testing and validation process to verify the functionality and security of the new iPad **MDM** setup.
- By migrating to iPads, the project will improve user experience, leverage advanced iPad features, enhance security measures, and streamline device management processes for increased productivity.

Roles and Responsibility:

- Responsible for designing, developing, and maintaining the backend APIs using **Spring Boot**, ensuring high-quality, scalable, and efficient code for handling device enrollment, data migration, and **MDM** functionalities.
- In charge of integrating external APIs and services, collaborating with the frontend team to ensure smooth data flow and proper communication between the iPad devices and the MDM system.
- Responsible for implementing robust security measures within the **Java APIs**, including encryption protocols, secure authentication mechanisms, and access controls to protect sensitive **MDM** data and ensure compliance with industry standards.

2- BMC PROJECT: Waste Management System

- The Bhubaneswar Municipal Corporation (BMC) is a local government body responsible for the administration and development of the city of Bhubaneswar, the capital of the Indian state of Odisha.
- Recycling Programs: Recycling is the process of converting waste materials into new products to reduce waste and conserve natural resources. Recycling programs involve the collection, sorting, and processing of waste materials such as paper, plastic, and metal.
- Composting: Composting is the process of decomposing organic waste into nutrient-rich soil that can be used as fertilizer. Composting programs involve the collection of organic waste such

as food scraps, leaves, and yard waste, which are then processed through aerobic decomposition.

Roles and Responsibility:

- Create database design, Write SQL stored procedure, views, Triggers, tables and tables types.
- Creating REST API'S in spring boot framework.
- Develop **dynamic** and responsive user interfaces using **Angular** framework.
- Implement and maintain **modular components, directives, and services** to enhance application functionality.
- Integrate Angular applications with RESTful APIs and backend services.

3- Gas Electricity Mapping System (GEMS)

- **GIS** has been used by **electrical, gas,** and water utilities. It focuses on automated mapping.
- GIS substation is **to switch, separate, transform, measure and distribute electrical energy in power systems.**

Roles and Responsibility:

- Involved in creating Roll back scripts like Tables, Tables types, Views, Stored procedure, Triggers based on specified requirements.
- Involved in creating Roll out scripts like Tables, Tables types, Views, Stored procedure, Triggers based on specified requirements.
- Involved in creating Batch file (Bat) for Roll back scripts and Roll out Scripts on specified requirements.
- Maintain master excel sheet when new objects are add in New Dev server.
- Write truncate query as per specific requirements.
- Write join query as per specific requirements.
- Whenever run the batch file check log file and csv file generate or not.