

# SUDHANSU RANJAN DASH

## Software Engineer



### My Contact



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Bhubaneswar, odisha

### Skills

**OS :** Unix(Ubuntu), Windows 7/10

**Languages:**

- ◆ Core Java (J2SE 1.8)
- ◆ JDBC
- ◆ Servlet
- ◆ Python Scripting
- ◆ Rest API
- ◆ SQL

**Web Technology:**

- ◆ HTML
- ◆ CSS
- ◆ JavaScript
- ◆ Angular
- ◆ Typescript

**Framework:**

- ◆ SpringBoot
- ◆ spring(CORE ,MVC)

**Databases:**

- ◆ MySQL
- ◆ PGSQL

**IDE Build Tools:**

- ◆ Eclipse
- ◆ VScode
- ◆ IntelliJ
- ◆ STS
- ◆ MySQL Workbench
- ◆ Postman API client

**Webservers:**

- ◆ Apache Tomcat
- ◆ Jetty
- ◆ Undertow

### Objectives

A position in Software Development providing opportunities to make a strong contribution to organization goals through continued development of professional skills.

### Professional Summary

- ◆ 2+ years of experience in Software analysis, design and development with good understanding on software development process and methodologies. Enthusiastic learner who quickly grasps new concepts and technical skills.
- ◆ Good communication skills demonstrated skills in implementing business strategies understanding complete architectures and work ethics.
- ◆ Strong experience in Core Java, SpringMvc, Spring Boot, Spring Multi module, Design Patterns(Singleton, Factory Method, Fly Weight, Builder, Strategy, Proxy), RestApi, Micro Services, Web Services, ApacheKafka, Spring Data jpa, Jpa projection, Orm Tool, Eureka server, Jenkins, CICD and MySql Database.
- ◆ Spring Boot with Redis For Cache Management. Experience in writing DB objects like Tables, View, Stored Procedures, Indexes.
- ◆ 1.6 years of experience in Docker and Kubernetes. Knowledge in advance datastructure for optimization of real world problem.
- ◆ 1 year experience in MicroServices with SpringBoot and Saga Choreography Pattern.
- ◆ 1 year experience in ApacheKafka and Message Streaming Technology.

## Education Background

- **Utkal University, Bhubaneswar**  
**Master of Technology(CSE)**  
Completed in 2022  
**Master of Computer Application**  
Completed in 2020

## Professional Experience

- Working as a Java Developer in **CSM Technologies**, Bhubaneswar  
from August 2022 to till now.

## Project Profile

### **Project#1: Dynamic Framework (NC- No Code)**

#### **Duration: May 2023 –till now**

Dynamic Framework is a comprehensive, modular platform designed to facilitate customizable form design and workflow management through an intuitive drag-and-drop interface. This system integrates seven key modules to provide a robust solution for various business needs, including form creation, message and letter configuration, gateway integration, content management, and report generation.

- **Form Builder Module:** Allows users to create and customize forms using a drag-and-drop interface. Users can easily add, configure, and arrange form elements without requiring technical expertise.
- **Workflow Management:** Enables the design and management of workflows by defining processes and automating tasks. Users can set up complex workflows with conditional logic to streamline business operations.
- **Message Configuration:** Provides tools for designing and managing automated messages. Users can customize message templates and set triggers based on specific events or conditions.
- **Letter Configuration:** Allows users to configure and manage letter templates for various purposes, such as notifications, confirmations, and other communications.
- **Gateway Integration:** Facilitates seamless integration with external systems and services through configurable gateways. This module supports various protocols and data formats for smooth data exchange.
- **Content Management System (CMS):** Offers a platform for managing digital content, including text, images, and multimedia. Users can create, edit, and organize content within the system.

- **Report Builder Tool:** Provides a flexible report-building interface to create and generate customized reports. Users can define data sources, select report formats, and visualize data through charts and graphs.

SpringBoot , Angular, MySQL ,PGSQL and Java (8,17) technologies are used in this project.

#### **Roles and Responsibilities:**

- Designed Server level programming.
- Designed RestApi using Spring Boot Concepts.
- Participated in creation of DB Objects and DB Models.
- Worked closely with Leads and architects for designing the system and implementation of business requirement.
- Participated with the teams to gather the requirement and prepared document.
- Doing unit testing and writing test cases for easy transitions. Involved in Quick fixes whenever raised by QA team.
- Provide in-depth analysis with interpretive thinking to define issues and develop innovative solution.
- Create and maintain optimal integration solutions.
- Engineered a versatile system with 7 configurable modules, including drag-and-drop form design, workflow automation, message and letter configuration, gateway integration, content management, and report building, showcasing robust, integrated solutions for streamlined process management and customization.

#### **Project#2: Code Generator (LC-Low Code)**

##### **Duration: November 2022 –April 2023**

The Code Generator project streamlines the software development process by automating the creation of Angular and Java code files, resulting in faster project delivery and improved consistency. Its seamless integration with Dynamic Framework ensures that projects are delivered with robust backend and frontend functionality, complete with database connectivity and adherence to best practices. This tool significantly enhances productivity, reduces manual coding errors, and aligns with industry standards, making it a valuable asset for development teams.

SpringBoot , Angular, MySQL ,PGSQL and Java (8/17) technologies are used in this project.

#### **Roles and Responsibilities:**

- Developed and maintained code templates for Angular components, services, and modules, ensuring they met industry standards and could be easily customized.
- Implemented features to leverage the Dynamic Framework for parameter-driven code generation, ensuring that the generated code was flexible and adaptable to various project needs.
- Developed and executed tests to validate the accuracy and functionality of the generated code, ensuring it met the specified requirements and integrated seamlessly with existing systems.
- Identified and resolved issues and bugs in the code generation process, improving the reliability and performance of the tool.
- Continuously worked on optimizing the performance and efficiency of the code generation tool, ensuring it met high standards for speed and accuracy.
- Worked closely with cross-functional teams, including frontend and backend developers, to ensure seamless integration of the generated code with the overall project architecture.

- Regularly updated stakeholders on project progress, challenges, and milestones, ensuring alignment with project goals and expectations.
- These responsibilities outline a comprehensive role in the Code Generator project, highlighting both technical and non-technical aspects of the development and implementation process.