

**Santhosh Kumar. K**

**Mobile: +91 9566911041**

**Gmail: Sandysanthosh101@gmail.com**

**Github: github.com/sandysanthosh**

Throughout my career, I have accumulated over seven years and three months of hands-on experience specializing in the design and development of Java-based applications within the domain of Web Application Projects. My expertise spans across various technologies such as **Spring Boot, Microservices, J2EE, JSP, Servlet, Apache Tomcat, JavaScript, HTML, CSS, and Oracle/SQL Server technologies in Web Application Projects.** Proficient in **JAVA** and Database using MVC architecture. I have been involved in requirement analysis, planning, design, hands on coding, debugging, unit testing, integration and system testing, documentation and maintenance of the programs, also in Standardizing and manage Database Administrator procedures for monitoring database performance, testing, archiving, and optimizing database operations to enhance overall system performance.

### **Education**

| <u><b>Title of the Degree</b></u> | <u><b>College/University</b></u> | <u><b>Year of Passing</b></u> |
|-----------------------------------|----------------------------------|-------------------------------|
| B. Tech(Information Technology)   | VIT University, Vellore          | 2016                          |

### **Language**

| <u><b>Language</b></u> | <u><b>Oral proficiency</b></u> | <u><b>writing proficiency</b></u> |
|------------------------|--------------------------------|-----------------------------------|
| English                | Yes                            | Yes                               |
| Tamil                  | Yes                            | Yes                               |

### **Technical Skills**

|                           |  |
|---------------------------|--|
| <b>Business Domain</b>    | <ul style="list-style-type: none"><li>• Bank &amp; Financial services /Health-Care</li></ul> |
| <b>Operating System</b>   | <ul style="list-style-type: none"><li>• Windows 7/8</li></ul>                                |
| <b>Framework</b>          | <ul style="list-style-type: none"><li>• Java-J2EE-Spring Boot</li></ul>                      |
| <b>Languages</b>          | <ul style="list-style-type: none"><li>• Java, J2EE, SQL</li></ul>                            |
| <b>Development IDE</b>    | <ul style="list-style-type: none"><li>• Eclipse, Spring STS, POSTMAN</li></ul>               |
| <b>Web Technologies</b>   | <ul style="list-style-type: none"><li>• HTML 5, CSS 3, JSP, Servlets, Bootstrap</li></ul>    |
| <b>Databases</b>          | <ul style="list-style-type: none"><li>• MySQL Server and Oracle</li></ul>                    |
| <b>Server</b>             | <ul style="list-style-type: none"><li>• Apache Tomcat</li></ul>                              |
| <b>Scripting Language</b> | <ul style="list-style-type: none"><li>• JavaScript</li></ul>                                 |

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## **PROJECT PROFILE: 1**

|                    |  |
|--------------------|--|
| <b>Company</b>     | ATOS   |
| <b>Client</b>      | Credit One Bank  |
| <b>Duration</b>    | January 2023 - DEC 2023  |
| <b>Environment</b> | Spring STS   |
| <b>Role</b>        | Java Developer   |
| <b>Technology</b>  | Java 8, Spring boot, Microservices, Maven, SQL                     |
| <b>Software</b>    | Postman, SQL Developer, Bitbucket, Jenkins, JIRA, Red Hat OPENSIFT |

### **Project Description:**

Developed RESTful APIs using Spring Boot framework to handle RESTful APIs that manage user authentication, registration, and profile administration. I created endpoints for CRUD operations and utilized JWT tokens to handle authentication and authorization. Additionally, I integrated third-party APIs to enhance functionality. User data was stored in a MySQL database with data persistence managed by JPA Hibernate ORM. To ensure API correctness, I implemented unit tests using JUnit and Mockito. Documentation for the APIs was done using Swagger UI, and Postman was used for API testing. Continuous integration and deployment were facilitated through Jenkins.

### **Roles & Responsibilities:**

- Design and develop RESTful APIs using Spring Boot framework to meet business requirements and specifications.
  - Implement various endpoints for CRUD operations and integrate with third-party APIs to provide additional functionalities.
  - Use authentication and authorization mechanisms like JWT tokens and OAuth2 to ensure secure communication and data access.
  - Implement unit tests using testing frameworks like JUnit and Mockito to ensure the correctness of the APIs.
  - Use Swagger UI to document APIs and Postman to test APIs.
  - Use a version control system like Git to manage source code and collaborate with team members.
  - Participate in code reviews, bug fixing, and troubleshooting to ensure high code quality and performance.
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## **PROJECT PROFILE: 2**

|                    |   |
|--------------------|---|
| <b>Company</b>     | Capgemini   |
| <b>Client</b>      | Standard Character Bank   |
| <b>Duration</b>    | March 2022 - Jan 2023   |
| <b>Environment</b> | Spring STS  |
| <b>Role</b>        | Java Developer  |
| <b>Technology</b>  | Java, Spring boot, Microservices, maven, Front-end framework Bootstrap, Html 5, CSS 3, JavaScript |
| <b>Software</b>    | Postman, SQL Developer, Bitbucket, Jenkins, JIRA, Red Hat OPENSIFT                                |

### **Project Description:**

Developed RESTful APIs using Spring Boot framework to handle user authentication, user registration, and user profile management. Implemented various endpoints for CRUD operations and used JWT tokens for authentication and authorization. Integrated with third-party APIs for various functionalities. Used MySQL database to store user data and JPA Hibernate ORM for data persistence. Implemented unit tests using JUnit and Mockito to ensure the correctness of the APIs. Used Swagger UI to document APIs and Postman to test APIs and Jenkins for continuous integration and continuous deployment.

### **Roles & Responsibilities:**

- Design and develop RESTful APIs using Spring Boot framework to meet business requirements and specifications.
  - Implement various endpoints for CRUD operations and integrate with third-party APIs to provide additional functionalities.
  - Use authentication and authorization mechanisms like JWT tokens and OAuth2 to ensure secure communication and data access.
  - Implement unit tests using testing frameworks like JUnit and Mockito to ensure the correctness of the APIs.
  - Use Swagger UI to document APIs and Postman to test APIs.
  - Use a version control system like Git to manage source code and collaborate with team members.
-

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**PROJECT PROFILE: 3**

|                          |  |
|--------------------------|--|
| <b>Company</b>           | Cognizant  |
| <b>Project Title</b>     | Java Developer   |
| <b>Client</b>            | KBC, Belgium   |
| <b>Duration</b>          | May 2018 - April 2022  |
| <b>Environment</b>       | JAVA, AGF2, J2EE, Spring Boot, Microservices, Junit, Bitbucket, Maven, Jenkins and MSA Architecture. |
| <b>Role</b>              | NC JAVA-Developer  |
| <b>Operating Systems</b> | Windows 7  |

**Project Description:**

The Purpose of Front-end NC Team to Develop and Maintain NC Application. Knowledge on AGF2 Framework Core concepts SOAP Web Service call, File upload using BLOB call, generate and integration of six files in Java, Integrating External Portal to NC Application.

Projects worked on Dual Control Digital E-signing project in branches, Overarching and corporate banking, ROP Screens- Product for Bonds and Shares, EOS- Polis Print, DINO Insurance Family and Accident Products, Access4u Screen in Headquarters.

**Roles & Responsibilities:**

As a developer of the project and is responsible for,

- Developer and Maintain NC Screen based on Requirement.
  - Weekly HDR handling mailbox and Incidents.
  - Design and Development of layouts.
  - Documentation.
  - Bug fixing of the project.
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**PROJECT PROFILE: 4**

|                          |                                       |
|--------------------------|---------------------------------------|
| <b>Company</b>           | Cognizant                             |
| <b>Project Title</b>     | Smart Office Tool                     |
| <b>Client</b>            | Cognizant Technology Solutions, India |
| <b>Duration</b>          | Aug 2016 - Dec 2016                   |
| <b>Environment</b>       | Eclipse, Oracle                       |
| <b>Role</b>              | Developer                             |
| <b>Operating Systems</b> | Windows 7                             |

**Project Description:**

The purpose of the tool is to manage the resource allocations and calculate their revenue details in the account in a much simple manner by UI which was earlier done through excel. The tool has proved to be less time consuming and much efficient through its inbuilt logics.

**Roles & Responsibilities:**

As a developer of the project and is responsible for,

- Analyzing the revenue calculations and allocations of associates.
  - Generation of excel report for the associate details and their revenue.
  - Design and Development of layouts.
  - Bug fixing of the project.
  - Documentation.
-

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**PROJECT PROFILE: 5**

|                          |                       |
|--------------------------|-----------------------|
| <b>Company</b>           | Cognizant             |
| <b>Project Title</b>     | Specialty Resource2   |
| <b>Client</b>            | WALGREENS, US         |
| <b>Duration</b>          | Feb 2017 - April 2018 |
| <b>Environment</b>       | Eclipse               |
| <b>Role</b>              | Developer             |
| <b>Operating Systems</b> | Windows 7             |

**Project Description:**

The specialty Resource2 is to manage the Drug selling products in pharmacy stores and patient, Medication management. Business needs as adding of patient Information, details of drug, Health products, buying and selling of patient medication, Search for drugs for particular location, details of patient and mailing material details. Worked on MYSQL developer creation of ER- MAPPING

**Roles & Responsibilities:**

Santosh is a developer of the project and is responsible for,

- Coding and unit testing.
  - Design and Development of layouts.
  - Documentation.
  - Bug fixing of the project.
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