

Santhosh Kumar. K

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SanthoshKumar.Karthikeyan@eviden.com

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

Language

<u>Language</u>	<u>Oral proficiency</u>	<u>writing proficiency</u>
English	Yes	Yes
Tamil	Yes	Yes

Technical Skills

Business Domain	<ul style="list-style-type: none">Bank & Financial services /Health-Care
Operating System	<ul style="list-style-type: none">Windows 7/8
Framework	<ul style="list-style-type: none">Java-J2EE-Spring Boot
Languages	<ul style="list-style-type: none">Java, J2EE, SQL
Development IDE	<ul style="list-style-type: none">Eclipse, Spring STS, VS-CODE, POSTMAN
Web Technologies	<ul style="list-style-type: none">HTML5, CSS3, JSP, Servlets, ReactJS, Bootstrap
Databases	<ul style="list-style-type: none">MySQL Server and Oracle
Server	<ul style="list-style-type: none">Apache Tomcat
Scripting Language	<ul style="list-style-type: none">JavaScript

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PROJECT PROFILE: 1

Company	ATOS
Client	Credit One Bank
Duration	January 2023 - DEC 2023
Code Editor	Spring STS, VS CODE
Role	Full Stack Developer
Technology	Java 8, Spring boot, Microservices, ReactJS, Maven, PostgreSQL.
Software	Postman, SQL Developer, Bitbucket, Jenkins, JIRA, Red Hat OPENSIFT

Project Description:

Developed RESTful APIs utilizing Spring Boot to manage user authentication, registration, and API CRUD operations while integrating seamlessly with a ReactJS frontend. Crafted endpoints for CRUD functionalities and implemented robust JWT token-based authentication and authorization mechanisms. Integrated various third-party APIs to enrich overall functionality. Managed user data storage in a MySQL database, ensuring data persistence through JPA Hibernate ORM. Upheld API integrity by meticulously creating and executing unit tests leveraging JUnit and Mockito. Documented APIs comprehensively using Swagger UI and conducted thorough API testing with Postman. Ensured seamless integration and deployment through Jenkins for continuous integration and deployment, guaranteeing a streamlined development Pipeline.

Roles & Responsibilities:

- Design and develop RESTful APIs using Spring Boot framework to meet business requirements and specifications.
 - Develop reusable and efficient React components to build user interfaces for web applications.
 - Implement **Responsive** Web-friendly UI designs using **CSS** frameworks like **Bootstrap**.
 - 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.
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- 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.
- Ensure cross-browser compatibility and accessibility standards adherence in React application development.

PROJECT PROFILE: 2

Company	Capgemini
Client	Standard Character Bank
Duration	March 2022 - Jan 2023
Environment	Spring STS
Role	Java Developer
Technology	Java, Spring boot, Microservices, maven, Front-end framework Bootstrap, Html 5, CSS 3, JavaScript
Software	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.
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- 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.

PROJECT PROFILE: 3

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

Company	Cognizant
Project Title	Smart Office Tool
Client	Cognizant Technology Solutions, India
Duration	Aug 2016 - Dec 2016
Environment	Eclipse, Oracle
Role	Developer
Operating Systems	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

Company	Cognizant
Project Title	Specialty Resource2
Client	WALGREENS, US
Duration	Feb 2017 - April 2018
Environment	Eclipse
Role	Developer
Operating Systems	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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