

# Sujith D

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## PROFESSIONAL SUMMARY:

- Have around 8 years of experience in all phases of the **Software Development life cycle** and involved in the design, development, testing, and deployment of various web-based client-server applications using **Java**.
- Worked in an **Agile** methodology and was proficient in applying the **SOLID** design principles in various projects.
- Experienced in developing front-end applications using **HTML5, CSS3, JavaScript, jQuery, NodeJS, ReactJS, Angular, Bootstrap, Material UI**, and **AJAX**.
- Experienced in developing **microservice** based applications using various spring framework modules such as **Spring Core, Spring MVC, Spring Boot, Spring Security**, and **Hibernate** frameworks.
- Experience in using **Hibernate** and **JDBC** to map the Java objects, connect, and perform the CRUD with Database.
- Extensive Experience in server-side JavaScript frameworks such as **ExpressJS & NodeJS**.
- Experienced using **Java 8** features like Stream API, Lambda expressions, Optional Class & Functional interfaces.
- Working experience with various **relational database systems** and writing efficient queries using **Maria DB, SQL Server, IBM DB2 & Aurora DB**.
- Proven knowledge of various **NoSQL** Document Store databases such as **MongoDB & DynamoDB**.
- Experienced in testing the applications using **Junit, Mockito & PowerMockito** frameworks. Also, with testing & debugging the applications using **Jest, Jasmine & Postman**.
- Responsible for designing and implementing highly available and scalable infrastructure on **AWS**. Have extensive experience in using AWS services such as **EC2, S3, RDS, DynamoDB, CloudWatch, SNS, SQS**, and **Lambda**.
- Have extensive experience in designing and implementing cloud solutions on **Azure** including **Virtual Machine, Azure DevOps**, and **Azure Kubernetes Service (AKS)**.
- I have experience in using various version control systems such as **Azure Repos, GitHub, AWS CodeCommit**, and **SVN** for managing code repositories.
- Good knowledge in **log4j2 & slf4j** implementation to persist the data into logs files.
- Working knowledge of **Message-Oriented Middleware (MOM)** technologies such as **JMS, SNS, SQS, Apache Kafka & IBM MQ**.
- Used **CloudWatch & Splunk** to monitor server services, logs, memory, and disk utilization.
- Experienced with using various build tools such as **Maven, Gradle & ANT**.
- Used IDEs like **IntelliJ, Eclipse & VS Code** for development purposes.

## TECHNICAL SKILLS:

|                                       |   |
|---------------------------------------|---|
| <b>Languages</b>                      | Java (1.6,1.8 & 1.11), JavaScript, PL/SQL                                       |
| <b>Web Technologies</b>               | React, Angular 6, HTML5, CSS3, AJAX, NodeJS, ExpressJS                          |
| <b>Java Frameworks</b>                | Spring, Spring MVC, Spring REST, Spring Boot, Spring Security, Hibernate, JDBC  |
| <b>Databases</b>                      | Maria DB, Aurora DB, MySQL, SQL Server, Dynamo DB, Mongo DB                     |
| <b>Build scripts and DevOps Tools</b> | ANT, Maven, Gradle, Kubernetes, Docker  |
| <b>Cloud Technologies</b>             | AWS S3, DynamoDB, ECS, ECR, RDS, Security groups, Azure DevOps, Virtual Machine |
| <b>Version Control</b>                | CodeCommit, Azure Repos, GitHub, SVN  |
| <b>Testing Tools</b>                  | JUnit, Mockito, PowerMockito, Jest, Jasmine, Postman                            |
| <b>Messaging Tools</b>                | SNS, SQS, Apache Kafka, JMS   |

## PROFESSIONAL EXPERIENCE:

### Software Dev Engineer, Amazon

June 2022 – Present, Bellevue, WA

**Project Description:** Amazon.com, Inc. is an American multinational technology company focusing on e-commerce, cloud computing, online advertising, digital streaming, and artificial intelligence. Currently working as a Software Dev Engineer in the Forecasting Vending team that is responsible for delivering billions of low latency forecasts daily through our services that empower decisions like buying, selection, placement, removals, and inventory health. Designed, developed, tested & deployed various customer-facing APIs with Java and AWS resources.

#### Responsibilities:

- Worked in a fast-paced **Agile** work environment and actively participated in stand-ups, sprint meetings, code reviews, and planning sessions along with other team members focusing on achieving the sprint goals.
- Used **SIM** tool and **Asana** board to track project-specific tasks and bug fixes.
- Designed and developed highly available, scalable, and secure **RESTful** APIs using Java **Spring Boot** and **microservice** architecture.
- Also, used Amazon's internal **RPC** based **Coral** framework for developing some of the services.
- Used **Spring Security** for Authentication and Authorization of the application.
- Used **PostMan** for testing & debugging the RESTful APIs.
- Worked on Core concepts of object-oriented programming such as **Abstraction, Encapsulation, Collections, Multithreading, and Exception handling**.
- Designed and implemented a **CI/CD** pipeline using **CodePipeline, CodeCommit, and CodeBuild** to automate the deployment of a microservices-based architecture.
- Used **S3** Buckets to store the input datasets and **Dynamo DB** to store the processed output from the input data set. Also, used **Aurora DB** to design and implement a highly available, scalable database architecture for the applications.
- Worked on monitoring, setting alarms, and notifications for **EC2** hosts using **CloudWatch** and used **CloudFormation** to provision infrastructure as code.
- Used **ECR** to store container images and deploy a cluster of **docker** containers into **ECS**.
- Configured **Elastic Load Balancers** to distribute traffic across multiple instances of the microservices and optimized the **AWS Lambda** functions for cost efficiency and performance.
- Implemented security measures using VPCs, security groups, and **IAM** roles to secure the microservices and ensure data privacy and protection.
- Used **AWS CodeGuru** to develop efficient code as per industry standards.
- Used **Junit, Mockito & PowerMockito** for conducting unit, integration, and benchmark testing, while also configuring and customizing log messages **Log4j2**.
- Used **SNS & SQS** for sending messages through the microservices.
- Worked on **UNIX** environment development & used **IntelliJ IDE** for coding.

**Environment:** Agile, Java 1.8 & 1.11, REST, Coral, Spring Boot, Spring Security, Postman, CodeCommit, S3, Aurora DB, DynamoDB, EC2, ECS, ECR, CloudWatch, CloudFormation, JUnit, Mockito, PowerMockito, SNS, SQS, IntelliJ

### Full Stack Developer (MERN), Angi

Jan 2021 – May 2022, Denver, CO

**Project Description:** Angi Inc. (formerly ANGI HomeServices Inc.) is an internet services company formed in 2017 by the merger of Angie's List and HomeAdvisor. The company has its earliest roots in the American home services website Angie's List, which allows users to search for contractors to provide paid home improvement work. Worked as a full stack developer in a team that is responsible for matching the external home improvement service providers to the customers by taking the customer requirements from the web application.

#### Responsibilities:

- Involved in **SDLC** requirements gathering, analysis, design, development, and testing of applications developed using **Agile** methodology.

- Used **Azure Boards** as ticket tracking, change management, and Agile/SCRUM tool.
- Built composable and reactive web pages using **React**, and **Material UI** and used various predefined components from **NPM** (Node Package Manager) and **Redux** library.
- Involved in using React JS **components, Forms, Events, Keys, Router, Animations, and Flux** concepts.
- Involved in creating and consuming **RESTful** services using **Node JS & Express** framework.
- Used No SQL **MongoDB** to store processed products and commodities data.
- Worked on a large very large database (VLDB) with high scalability/availability and implemented Best Practices in **SQL Server**
- Implemented continuous integration and deployment using **Azure DevOps** and **Gradle** as the build tool.
- Used **Apache Kafka** as a messaging layer for the custom framework.
- Performed unit testing using **Junit & Mockito** and **Jest** for testing the UI built with React and used **Azure Repos** as a version control tool.
- Ensured the microservices were secure by implementing best practices, such as using **JWT** authentication and securing sensitive data using encryption.
- Improved the application's performance by implementing **caching**, optimizing queries, and using **lazy loading**.
- Used **slf4j** for logging and **Splunk** tool to monitor rest calls.

**Environment:** Agile, Jira, React, Material UI, NPM, Redux, REST, NodeJS, ExpressJS, MongoDB, SQL Server, Azure DevOps, Gradle, Apache Kafka, JUnit, Mockito, Jest, Azure Repos, JWT, slf4j, Splunk, VS Code

### Full Stack Developer, CommScope

*Feb 2020 – Dec 2020, Hyderabad, India*

**Project Description:** CommScope is a global leader in infrastructure solutions for communications networks that provides a wide range of products and services that enable customers to connect and communicate reliably and efficiently. Worked as a full stack developer in a team that works for the documentation section in the product catalog.

#### Responsibilities:

- Involved in **Agile** methodology process and participated in daily standup meetings, tracking task status in **Jira**.
- Designed and developed User interface screens using **Angular 6** involves the use of Angular directives, expressions, routing capabilities for bookmarking, filters, validations, and Angular UI components.
- Designed and implemented RESTful APIs using **Node.js** and **Express.js**.
- Developed server-side applications using **Spring Boot** and so as in to handle requests sent from the front-end jQuery **AJAX** calls.
- Extensively worked in Core Java and object-oriented design with a strong understanding of **Collections, Multithreading, and Exception handling**.
- Used **Concurrency** concepts like executor service & thread pool executor and Design patterns like **Abstract Factory, Singleton & DAO**.
- Designed and implemented the database architecture using **DynamoDB** and **Amazon RDS**, ensuring efficient query performance and scalability.
- Configured **Jenkins** server on an **EC2** instance in AWS and deployed the application into it.
- Used **CodeCommit** for VCS & **Maven** as the build tool.
- Used **Apache Kafka** for sending and receiving notifications.
- Implemented monitoring and logging using **AWS CloudWatch**.
- Use **JUnit & Jasmine** to write unit tests and integration tests for web applications and APIs developed using **Node.js**.

**Environment:** Agile, Jira, Angular 6, Angular UI Components, jQuery, Bootstrap, REST, NodeJS, Spring Boot, AJAX, Java 8, DynamoDB, RDS, Apache Kafka, AWS CloudWatch, Junit, Jasmine, CodeCommit, Maven, Jenkins, VS Code

### Software Development Engineer (SDE), Blackbuck

*May 2017 – Jan 2020, Hyderabad, India*

**Project Description:** Blackbuck has been a pioneer in bringing the offline operations of trucking online, be it matching a shipper with a trucker or reshaping the infrastructure around trucking to facilitate payments, insurance, and financial services. Worked as a Software Development Engineer in a supply chain management team that is responsible for handling

the web application for handling the truck details, shipper details, capacity, contract details, etc.

### Responsibilities:

- Worked in an Agile environment and was involved in daily stand-ups and sprint meetings.
- Implemented the front-end using **HTML5**, **CSS3**, **JavaScript**, and **Bootstrap**, and ensured the application was responsive and user-friendly.
- Microservice architecture was built and migrated the existing **Spring MVC** to **Spring Boot**.
- Implemented **RESTful** APIs with Spring Boot for communication with the front end.
- Used **Java 8** features like Stream API, Lambda expressions, Optional Class & Functional interfaces.
- Involved in the migration activity from the **IBM WebSphere Application Server (WAS)** to **Apache Tomcat 8** on **AWS EC2**.
- Used **Hibernate** to query the **DB2** database and return results to the front end.
- Worked on local testing the application APIs using **Postman** and used **JUnit** & **PowerMock** for writing the unit test.
- Also, migrated the on-premises **IBM MQ** to **Amazon SQS** for asynchronous communication between different modules.
- **GitHub** is used as the version control system and **VS Code** as an IDE.

**Environment:** Agile, Java 8, HTML5, CSS3, JavaScript, Bootstrap, Spring MVC, Spring Security, REST, Hibernate, DB2, IBM WebSphere, Postman, JUnit, PowerMock, JMS, EC2, IBM MQ, SQS, GitHub, VS Code

### Java developer, DataDot Software Solution

*Feb 2015 – Apr 2017, Hyderabad, India*

**Project Description:** DATADOT is an innovative global IT company providing high quality excellent & impeccable solutions & products with cutting-edge technologies. Worked as a Java Developer and primarily worked on the backend side to maintain & provide production support for the existing application.

### Responsibilities:

- Worked on bug fixes & provided additional features as enhancements to the existing product.
- Developed server-side Java classes using **Java 1.6** to create a high-performance and reliable backend for a web application.
- Implemented **JDBC** to connect the **Maria DB** database to the server-side Java code, allowing for seamless data access and manipulation.
- Worked on enhancing existing **Spring MVC** application using Object-oriented programming (OOPS) concepts like **Inheritance**, **Generics**, and **Interface** were widely used for code reusability.
- Designed and optimized SQL queries to extract and manipulate data from the database, resulting in faster and more efficient data retrieval.
- Used **JUnit** for writing unit tests and deployed the application into **Jetty Application Server**.
- **ANT** is used as the build tool and **SVN** as the version control system.

**Environment:** Java 1.6, JDBC, Maria DB, Spring MVC, JUnit, Jetty, ANT, SVN, Eclipse

### EDUCATION:

Masters in Computer Science, University of Houston Main Campus

Bachelors in Electronics and Communication Engineering, CVR College of Engineering