**SANJAYKUMAR RAMACHANDRAN**

**JAVA ENGINEER | Software Engineer**

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**SUMMARY**

Ambitious MSc. Advanced Computer Science graduate from The University of Sheffield, with 1.5 years of experience as a Software Engineer in the IT industry. Proficient in Java, Python, AWS, and JavaScript Frameworks, I specialize in crafting concise, maintainable code to drive business objectives and facilitate growth.

**EDUCATION**

**University of Sheffield , United Kingdom** 09/ 2022 – 11/ 2023

Master of Science - MSc. Advanced Computer Science 2:1 Degree

**Coimbatore Institute of Technology**, **India** 06/ 2016 – 09/ 2020

Bachelors of Engineering - BE. Computer Science EngineeringCGPA:8.41/10

**WORK EXPERIENCE**

**ASSOCIATE SOFTWARE ENGINEER**

Bosch Global Software Technologies Private Limited, India 01/2021- 06/2022

* Developed and maintained enterprise-scale Java applications, utilizing Agile Project Management methodologies boosting productivity by 15% by effectively utilizing JIRA for backlog management and sprint tracking.
* Implemented Jenkins integration for the production pipeline, streamlining software delivery processes and reducing deployment time by 40%.
* Led version control activities utilizing Git, Git Flow, and Bitbucket version control, orchestrating effective branching strategies and code reviews to maintain code integrity and streamline collaborative development efforts.
* Acted as Scrum Master for the team, facilitating Agile ceremonies, removing impediments, and fostering a collaborative and productive work environment to achieve sprint goals effectively.

**SKILLS**

* **Programming Languages:**

Java C C# Python JavaScript Typescript PHP SQL Kotlin

* **Front end Technology:**

React.js HTML CSS Vue.js jQuery JSON

* **Back end Technology**:

Node.js Express.js Java

* **Database and Cloud Services:**

Amazon Web Services Lambda Amazon Web Services DynamoDB MongoDB

* **Software Development:**

Git Github Actions Jenkins DevOps CI/CD Pipelines AWS developer console Agile Methodologies Android Studio npm Unit and Functional Testing Full stack development yarn Postman WordPress Rest API services Software design Software architecture Relational databases Visual Studio

* **Soft skills:**

Coding and Debugging Flexibility Communication skills Problem Solving Time Management Leadership Decision making Scrum Framework Attention to detail Organizational Skills Innovative Thinking Creativity Eager to learn

**PROJECTS**

**GYM BUDDY - ALEXA SKILL FOR AMAZON ECHO** 06/2023 – 08/ 2023

A Fitness-based project implementation to develop an Alexa skill for Amazon Echo device that creates personalized gym workout plans using JavaScript for Alexa Integration.

**Performance Metrics:**

* Demonstrated proficiency in AWS DynamoDB for efficient data storage.
* Implemented backend functionality using JavaScript for Alexa integration.
* Leveraged AWS Lambda for serverless execution, ensuring scalability.

**BIRD SIGHTING APPLICATION** 04/ 2023 – 05/ 2023

A webpage project creating blog website application using Node.js, React.js, MongoDB and Express.js that enables users to post photographs of bird sightings.

**Performance Metrics:**

* Enabled users to create, access, annotate, and comment on posts.
* Integrated caching, local storage, and No-SQL database server storage for efficient data handling.
* Implemented Node.js to craft a responsive chat interface, enhancing user engagement.
* Utilized web sockets and local storage to facilitate real-time annotation processing, achieving high-speed updates.

**SOLAR OFFSET** 04/2023 -05/ 2023

Led a dynamic project team of 5 members for the creation of a customer-centric website facilitating solar panel investments using yarn, JavaScript, Node.js, MongoDB, Git, Vue.js technologies.

**Performance Metrics:**

* Implemented agile methodologies to ensure efficient project management and collaborative development.
* Utilized Trello for backlog management and use case tracking.

**PERSONAL PHOTO MANAGEMENT APPLICATION** 11/2022 – 12/2022

An end-to-end development project of a city-based travel application using Android Studio and Kotlin

**Performance Metrics**

* Designed and implemented features for photo/image display of landmarks and points of interest.
* Enabled users to organize and manage geolocated photographs.
* Employed MVVM architecture, multithreading, and Room database.