

SANJAYKUMAR RAMACHANDRAN

JAVA ENGINEER | SOFTWARE ENGINEER

(+44) 7833 834364 | ramachandransanjaykumar@gmail.com | Sheffield S2 4UF | [LinkedIn](#) | [Portfolio](#)

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

Master of Science - MSc. Advanced Computer Science

09/ 2022 – 11/ 2023

2:1 Degree

Coimbatore Institute of Technology, India

Bachelors of Engineering - BE. Computer Science Engineering

06/ 2016 – 09/ 2020

CGPA: 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 iQuery 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](#)

- **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.