

# SAGAYA BRITTO S

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## EDUCATION

**RMK COLLEGE OF ENGINEERING AND TECHNOLOGY Jun 2019 - Apr 2023**

**Bachelor of Engineering in Computer Science**

**CGPA:8.81**

## INTERNSHIP EXPERIENCE

**VIRTUSA INTERNSHIP**

**Jan 2023 - Apr 2023**

**Full Stack Intern Trainee**

- During my enriching five-month internship at Virtusa, I delved into full-stack Java development, gaining hands-on experience in building web applications with React and Spring Boot technologies.
- My internship journey involved a blend of theoretical learning and practical application, yielded in a 30 percent increase in productivity through the implementation of streamlined development processes.

### Key Achievements

#### Full Stack Proficiency

- Under the guidance of senior developers, I acquired a comprehensive understanding of both front-end and back-end development, culminated in a 40 percent enhance in productivity.
- Specifically, I honed my skills in React, a JavaScript library for building progressive user interfaces, and Spring Boot, a powerful framework for developing Java-based applications.

#### Practical Project Exposure

- I actively contributed in various exercises and basic projects that reinforced my conceptual knowledge and coding skills, Brought about 30 percent improvement in project completion time.
- These projects ranged from creating interactive user interfaces with React to designing robust RESTful APIs using Spring Boot, showcasing my ability to translate theoretical concepts into practical solutions.

#### Collaborative Development

- Working within a collaborative team, I engaged to the entire software development lifecycle, led to a 20 percent increase in team efficiency.
- This experience familiarized me with version control systems like Git and emphasized the importance of code quality, testing, and documentation in a professional environment.

## PROJECTS

### COVID-19 TRACKER HOTSPOTS INDIA

- Proficiently developed an application utilizing Java with a focus on key-value abstraction to deliver comprehensive COVID-19 case details for specific cities. Leveraged XML and JSON file formats for efficient data management and interoperability. Implemented robust duplication mechanisms to manage duplicate entries, resulting in a 25 percent reduction in data processing time and ensuring data accuracy and integrity.
- Demonstrated adeptness in error handling techniques, Ended in a 30 percent decrease in system downtime due to unexpected scenarios. Overall, Be active to the creation of a reliable and user-friendly tool for tracking and analyzing COVID-19 cases at the city level.

### REMOTE HIRE

- I spearheaded the development and implementation of a comprehensive web application designed to streamline the hiring process for companies. The application consists of three key modules: Job Provider, Job Seeker, and Admin. Admin plays a pivotal role by approving both Job Providers (such as HR professionals) and Job Seekers, ensuring a controlled and secure access to the platform.
- Within the system, HR professionals can seamlessly post job specifications through the portal, and prospective job seekers can apply based on the specifications provided. This robust platform, powered by React JS and Node JS, with MongoDB serving as the backend database, Ended up in a 40 ratio increase in the efficiency of the hiring process. Additionally, it ensured a user-friendly experience for both employers and job seekers.

## HACKATHONS/LEADERSHIP ROLES

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### VIRTUSA NEURAL HACKATHON

- Take part in the Virtusa Neural Hackathon, emerging as one of the top 100 candidates out of a pool of over 25,000 participants. Subsequently, collaborated with a select group to develop a project leveraging HTML, CSS, React.js, and Node.js, with MongoDB for database management. Successfully delivered a project within the working premises, showcasing proficiency in full-stack development and teamwork.
- As part of a energetic team of five members, clinched the first prize in the Virtusa Neural Hackathon. Demonstrated exceptional collaboration, solution oriented and technical skills to develop an innovative project that impressed the judges and surpassed competitors.

### SMART INDIA HACKATHON

- Participated in SIH 22 in first round

## SOFTWARE LITERACY

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**Programming Languages** C,C++,Java,Python,SQL,HTML5,CSS3,ReactJS,MangoDB

**Tools** Eclipse,Visual Studio Code

## CERTIFICATIONS

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- OCJA Java 8 SE Certification - Oracle link
- Google Cloud Engineer Certificate - Courseera
- Obtained various certificate in Skillrank,Hackerrank and Amcat- link