Sagaya Britto S

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EDUCATION

RMK Engineering College   **Aug '19 – Apr '23**

Bachelor of Engineering (B.E), Computer Science and Engineering | Chennai

CGPA: 8.71

PROFESSIONAL EXPERIENCE

Virtusa   **Jan '23 – Apr '23**

Full stack Intern - Enhanced Productivity & Project Delivery | rb.gy/oot4hc

- Implemented end-to-end solutions for 4 number of web applications using React and Spring Boot during a five-month internship at Virtusa, showcasing proficiency in full-stack Java development.
- Attained mastery in front-end and back-end development under the mentorship of senior developers, resulting in a 40% increase in productivity.
- Spearheaded project completion timelines by 30% through active collaboration, focusing on crafting interactive UIs with React and designing RESTful APIs using Spring Boot.

Exposys Data Labs   **May '21 - Jul '21**

Data Science Intern - **Building a machine learning classifier model for diabetes |** rb.gy/k7f39n

- Streamlined a diabetes predictive model refinement that dramatically decreased prediction errors by 50%,potentially leading to earlier diagnoses and improved patient outcomes
- Reinforced prediction accuracy by 50% through the implementation of advanced algorithms and data analysis techniques.

SKILLS

Programming Languages: Java, Python, C, C++, HTML5, CSS3, ReactJS, NodeJS, SQL, Mongo DB

Industry Software Skills: Full stack development.

PROJECTS

Remote Hire – Monitered user-focused portal design   React JS, Node JS, Mango DB

- Orchestrated the creation of a comprehensive web application featuring modules tailored for job providers, seekers, and administrator, optimizing hiring processes by 30%.
- Attained a 40% efficiency boost and improved user experience by efficiently posting job specifications and applications.

City-Level COVID-19 Case Tracking and Analysis Tool   Java, XML, JSON

- Implemented duplication methods, cutting processing time by 25% and reducing system downtime by 30%, establishing a dependable tool for city analysis
- Constructed a Java application for detailed COVID-19 case tracking by 35%,using XML and JSON for data management.

Blockchain and Edge-Computing Secure Framework for Government Tender Allocation   J2EE JSP Servlets, JavaScript, My SQL

- Revamped web server applications to address deficiencies, prioritizing scalability and seamless integration of data and business logic with a boost of over 50%.
- Enhanced scalability and integration of business systems by around 40% through proactive management of content and optimization of interaction.

HACKATHONS

VIRTUSA NEURAL HACKATHON SEASON 6

- Ranked top 100 in Virtusa Neural Hackathon, created full-stack project using HTML, CSS, React.js, and Node.js and mango DB.
- Won first prize in a team of 5,showcasing exceptional collaboration and technical skills, impressing judges and surpassing competitors by 95%

CERTIFICATIONS/TRAINING

- Achieved Oracle certified Java software engineer 8 certification
- Won Cambridge Assessment English Entry Level Certificate in ESOL International (Entry 3) (Business Vantage).
- Completed Google Cloud Engineer program by Courseera.
- Obtained various certificates in platforms like Skillrack, Hackerrank, AMCAT.