

RIYAS AHAMED

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OBJECTIVE

Aspiring Full Stack Developer with experience in designing intuitive front-end interfaces and building secure back-end systems. Proficient in software engineering principles, API development, database management, and debugging. Skilled at creating scalable applications that streamline processes and improve efficiency

EDUCATION

B. Tech. Computer Science and Engineering (with Specialization in IoT) October 2020 – May 2024
B. S. Abdur Rahman Crescent Institute of Science and Technology Chennai, India

- **Cumulative GPA:** 9.41/10.0
- **Relevant Coursework:** Data Structure and Algorithms, Artificial Intelligence, Database, Application Development, Software Design and Development, Operating Systems, Data Science, Internet of Things

All India Senior School Certificate Examination July 2020
Everest Kenbridge Senior Secondary School (CBSE) Mayiladuthurai, India

- **Percentage:** 81.4 %
- **Relevant Coursework:** Physics, Chemistry, Mathematics, English (Core), Computer Science

WORK EXPERIENCE

Full Stack Developer Intern - Remote June 2023 – April 2024
Telesto Consulting Services Chicago, Illinois

- Developed "EasyRoute", an efficient route planner application for sales representatives using React.js, React Native, Express.js, Node.js, and MongoDB. Enhanced productivity with user-friendly interface for route planning, resulting in streamlined operations and reduced travel time by 25%.
- Deployed on AWS for scalability and reliability, ensuring seamless access at <https://ezroute.us>

PROJECTS

Crescafé March 2023

- Engineered a mobile application using React Native and AWS Amplify Studio for efficient management of canteen food orders. Reduced wastage by 20% through streamlined order processing and inventory tracking.
- Achieved runner-up position in Cresathon by enhancing user experience and operational efficiency, implementing user-friendly interface and real-time order tracking, resulting in increased customer satisfaction and reduced wait times.

Spotilist November 2023

- Developed a React application integrated with the Spotify API to fetch music-related data and generate personalized playlists based on user preferences. Enhanced user engagement through tailored music recommendations.

Smart Cradle System using IoT May 2024

- Led development of IoT Smart Cradle project utilizing Raspberry Pi, Arduino, and Machine Learning for cry prediction, as part of the final year project. Enhanced caregiving capabilities and infant monitoring by implementing predictive technology.
- Integrated a React Native mobile app for remote control and live streaming, enabling real-time monitoring and control of the cradle's functions from smartphone.

PUBLICATIONS

IoT-Enabled Smart Helmet with Healthcare and Warning System for Industrial Workers May 2024
IEEE – 4th Ace International Conference on Applied Science, Engineering, Technology and Management

SKILLS

Technical Skills: Python, JavaScript, React.js, Node.js, Express.js, React Native, REST API, Git

Database Management: MySQL, MongoDB, PostgreSQL

Certifications & Training: The Complete 2024 Web Development Bootcamp (Udemy)

Soft Skills: Communication, Adaptability, Problem-Solving, Leadership, Creativity