Kethavath Raghu

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Education

Indian Institute of Information Technology Sri City	Dec 2021 - May 2025
Bachelor of Technology in Computer Science	*Chittoor, Andhra Pradesh*
Little Flower Junior College	June 2018 - May 2020
Higher Secondary Education- State Board	*Hyderabad, Telangana*
New Takshashla High School	June 2017 - May 2018
Secondary Board of Education- State Board	*Hyderabad, Telangana*

Experience

Software Engineering Intern | Advanced System Laboratory – DRDO   July 202024 – Aug 2024

- Developed and maintained robust APIs for use by end users and integration into library systems, enhancing functionality and usability.
- Collaborated with cross-functional teams to design, implement, and test API endpoints, ensuring alignment with project requirements and standards.
- Optimized API performance and security, resulting in a **20% reduction in response times** and increased data protection.
- Documented API specifications and usage guidelines, facilitating smooth adoption and integration by developers and stakeholders.

Projects

GlobeTrotter | *React Js, JavaScript, Node Js, Express Js ,Mongodb*

- **Developed Full-Stack Web Application**: Built *GlobeTrotter*, a comprehensive travel agency platform, using React.js for a dynamic frontend, and Node.js with Express.js for efficient backend services.
- **Interactive User Experience**: Integrated responsive, user-friendly UI elements in React.js, enabling seamless browsing of travel packages, booking options, and personalized itineraries.
- **Backend API Design and Integration**: Created RESTful APIs with Express.js to manage customer data, booking transactions, and travel itineraries, ensuring secure data handling and quick response times.
- **JavaScript Optimization for Performance**: Optimized JavaScript code and implemented caching techniques to enhance load times and application performance, resulting in a smoother user experience across devices.

Quiz app | *ReactJs, CSS, JavaScript*

- Developed a Dynamic Quiz Application: Built an engaging quiz app using **React.js**, **CSS**, and **JavaScript**, providing users with an interactive and educational experience across diverse topics.
- Designed for Responsiveness: Ensured full **responsiveness** of the application, allowing users to seamlessly access and interact with quizzes on desktops, tablets, and smartphones.
- **User-Centric Interface**: Created an intuitive and visually appealing interface to enhance user engagement and enjoyment during quiz participation

Leadership Organizational Roles

- **Student Development Council, IIIT Sri City,** Contributed to organizing events and managing student clubs across campus.
- **Coordinator, Abhisarga (Annual College Fest), IIIT Sri City,** Successfully coordinated logistics and activities for 1000+ attendees during the cultural fest.

Technical Skills

Languages: C, C++, HTML,CSS, JavaScript , Java

Technologies: React Js, Node Js, Express Js and MongoDB

Developer Tools: VS Code,Postman, GitHub

Cource Works:Data Structures and Algorithms, Object Oriented Programming, Operating Systems.