Education

SRM VALLIAMMAI ENGINEERING COLLEGE

April 2022

Bachelor of Engineering in Computer Science (GPA: 8.05 / 10.00)

Chennai, TamilNadu

• Relevant Coursework: Data Structures, Software Engineering, Artificial Intelligence, Computer Networks

Technical Skills

Programming Languages: JavaScript, Python, HTML, CSS, SASS

Frontend Development: React.js, Redux, React Router, Material UI, Bootstrap

Backend Development: Node.js, Express.js, RESTful APIs

Database: MongoDB, MSQL

Version Control: GIT

Experience

LTIMINDTREE Jul 2022 - Present

Software Engineer Chennai, TamilNadu

• Developed and maintained scalable and reusable React.js components, reducing development time by 20% and increasing codebase efficiency by 25%.

- Implemented state management using Redux, improving data handling efficiency by 30% and reducing application errors by 15%.
- Optimized React.js applications for speed and efficiency, resulting in a 25% improvement in page load times and a 30% boost in user engagement.
- Collaborated with UI/UX designers to create responsive and intuitive interfaces, leading to a 20% increase in user satisfaction and a 10% reduction in bounce rates.
- Integrated RESTful APIs with React.js frontend, improving data synchronization by 25% and reducing response times by 20%.
- Conducted thorough unit testing using Jest and Enzyme, which resulted in a 30% reduction in production bugs and improved application stability by 20%.

Projects

Real Estate Web Application

- Developed dynamic and responsive user interfaces for a real estate web application using React.js, enhancing the user experience and reducing load times by 20%.
- Implemented state management solutions using Redux to handle application state efficiently, leading to a 30% reduction in state-related bugs and improved maintainability.

Medicine Shop Application

- Developed a full-stack medical shop application using MERN Stack (MongoDB, Express.js, React.js, Node.js), implementing CRUD operations and reducing development time by 25%.
- Created dynamic, responsive user interfaces with React.js, enhancing user interactions and increasing overall user engagement by 15%.

Personal Budget Tracker

- Developed a personal budget tracker application using Python, incorporating features for tracking expenses, income, and generating monthly financial summaries.
- Implemented data persistence with file handling or a lightweight database, ensuring reliable storage and retrieval of user financial data.