

Sundaravel

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Education

St. Joseph's College of Engineering, Bachelor of Engineering - Electrical and Electronics *June 2020 – May 2024*
CGPA: 8.66

Projects

Real-Time Chat Application

- Implemented a real-time chat application with WebSocket communication for seamless messaging.
- Integrated authentication and authorization using JWT to secure user access.
- Enhanced user engagement with online status tracking and instant message delivery.
- **Skills Used: React.js, Node.js, Socket.io**

MERN Authentication System

- Developed a complete authentication system including email verification and password reset using a secure 6-digit OTP.
- Built a backend server with APIs to handle authentication requests using JWT for secure authentication.
- Improved security and user experience by integrating seamless login, registration, and password reset features.
- **Skills Used: MongoDB, Express.js, React.js, Node.js, Tailwind CSS, JWT**

AI BG Removal SaaS App

- Built a Full Stack AI SaaS application that removes image backgrounds using AI processing.
- Implemented a credit system where users can purchase credits to remove image backgrounds through an online payment system.
- Integrated user authentication and management using Clerk, providing pre-built UI components for login, registration, and profile management.
- **Skills Used: MongoDB, Express.js, React.js, Node.js, AI Processing, Clerk Authentication**

Skills

Programming Languages: C, JavaScript, SQL

Frameworks: React.js, Node.js, Express.js

Databases: MySQL, MongoDB

Tools and Technologies : Git, GitHub, POSTMAN, VS Code

Web Development: HTML5, CSS3, Bootstrap5, Tailwind

Soft Skills: Teamwork, Adaptability, Time Management

Certifications

Full Stack Developer MERN - GUVI Geeks Network, IITM, Research Park
Completed the full MERN Stack course, done a three full stack projects.

SQL HackerRank

Completed the basic simple queries, relationships, and aggregators.

JavaScript Udemy Pro

Gained an in-depth understanding of core JavaScript concepts and advanced programming techniques.