



VARUN SENTHIL V

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EDUCATION

B.E(ECE) - Sri Eshwar College Of Engineering CGPA : 8.01 (Upto 5th Sem)	2021 -2025
HSC - Veveaham Matric. Hr. Sec. School 92.6 %	2019 -2021
SSLC - Veveaham Matric. Hr. Sec. School 92.6 %	2018 -2019

INTERNSHIP

PHYSICAL DESIGN INTERN - (VLSI GURU)

Acquired proficiency in Unix and TCL commands essential for Physical Design, utilizing them effectively to address congestion, timing, and power concerns. Executed block-level physical design tasks at 14nm technology, demonstrating expertise in efficient floorplanning and placement of standard cells to minimize congestion and timing violations.

PROJECTS

Home Rental Application

I developed a robust home rental web platform utilizing MongoDB, React, and Node.js, showcasing my proficiency in full-stack development. Leveraging MongoDB for data storage and retrieval, I designed an efficient backend with Node.js and Express, complemented by React on the frontend for seamless user experiences. By implementing features such as user authentication and error handling, Users can conveniently book rental homes online and Implement enhanced security through the use of JWT tokens for authentication.

Tech Stack: React js,Node js,Mongo db

Ecommerce Website

I developed ecommerce website using MERN Stack.Users have the capability to add a diverse range of items to their cart directly from the Home page. They can modify the contents of their cart as desired and then proceed to the checkout process. On the other prices, sellers are empowered to upload their items in the shop section and have the ability to adjust the prices of their products

Tech Stack: React js,Node js,Mongo db

Board Game

Designed and implemented a dynamic board game application using React, leveraging various state management techniques and modern hook concepts. Employed useState and useEffect hooks for managing component state and side effects efficiently, ensuring smooth gameplay transitions and updates. Integrated advanced game logic to handle player interactions and board state changes effectively, providing an engaging user experience.

Tech Stack: React js

ACHIEVEMENTS

Leetcode: problems solved 220+ | max rating: 1464 | global ranking : 215,647

Skillrack: Problem solved 1350+| Rank: 6968

Earned finalist recognition in hackathon hosted at Sri Eshwar College of Engineering

SKILLS

Programming Languages (C | Java | JavaScript): Proficient in Java and JavaScript demonstrating versatility in programming skills.

Databases (MySQL (basics)| Mongo DB): Skillful in MySQL, MongoDB for efficient database management and diverse data retrieval capabilities.

Web technologies : Experienced in developing applications with React js,Node.js, Express.js, and Git

Libraries : Full-stack Web Development: Node.js, Express, MongoDB (Mongoose), Socket.io, and libraries for QR code generation, OTP generation, Password encryption, PDF manipulation .

Coding : Proficient in Data Structures and Algorithms

Other Tools : Efficiently use VS Code, Postman, Android studio, Mongo Shell,Git for development tasks

CERTIFICATIONS

Mastering Data Structures and Algorithms using C - Udemy	2023	certificates
Learn Java programming Foundations - Udemy	2024	
Learn javascript for Beginners - Udemy	2024	
React and javascript Foundations - Udemy	2024	
Css course for Beginners - Udemy	2024	