BARANI PRIYADHARSHINI A

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EDUCATION

Sri Eshwar College of Engineering	**B.E.ECE**	**CGPA 8.3(Upto 3rd Semester)**	**2022-2026**
Government Higher Secondary School	**HSC**	**88.33%**	**2020-2022**
Government Higher Secondary School	**SSLC**	**81.6%**	**2019-2020**

INTERNSHIPS

MERN Stack-Better Tomorrow **2024**

Applied expertise to develop secure APIs and implement database connections for user authentication in dynamic web applications at Better Tomorrow. Collaborated within a team environment, gaining practical experience with cutting-edge technologies.

WebDevelopment-Octanet Services PVT LTD **2024**

Web Development Intern: Contributed to projects at Octanet Services PVT LTD, honing skills in front-end and back- end development. Assisted in building responsive and user-friendly web applications. Collaborated with team members to troubleshoot issues and optimize performance. Gained valuable experience in agile development methodologies.

PROJECTS

Multi-Purpose Smart Helmet **2023**

Developed an IoT-powered smart helmet with modes for health, mining, construction, and riders, offering real-time monitoring of vital signs, hazard detection, and navigation. The solution integrates with a mobile app for remote monitoring, improving safety and risk management. It optimizes health monitoring and reduces accidents through intelligent automation.

Tech Stack: IOT

KidSpace **2024**

KidSpace is a MERN stack e-commerce platform for kids' products, offering a variety of clothing, toys, and accessories. It features secure user authentication, dynamic product search, and seamless cart management. The platform provides a smooth shopping experience with efficient product management and interactive functionalities like wishlist and description

Tech Stack:Mern Stack

FindMyNotes **2024**

FindMyNotes is a full-stack web app that allows users to upload, search, and manage notes. It features secure JWT authentication, file storage with Multer, and dynamic search by title or tags. Built using Node.js, Express, and MongoDB, it ensures efficient data management through a RESTful API. I contributed to developing the backend API, implementing authentication, and designing the note management system.

Tech Stack: Mern Stack

CERTIFICATIONS

Problem Solving through Programming in C	**NPTEL**	**2023**
Mastering Data Structures & Algorithms using C and C++	**Udemy**	**2023**
Programming in Java	**NPTEL**	**2023**
Programming Foundations with JavaScript,HTML and CSS	**Coursera**	**2024**
SQL Certification from Hackerrank	**Hackerrank**	**2024**
Introduction to Front-End Development	**Coursera**	**2024**

ACHIEVEMENTS

LeetCode Solved 100+problems| Global Ranking- 1,031,393 | Max Rating - 1,374 | **Profile Link**

CodeChef Solved 300+problems | **Profile Link**

Hackerrank Rating-1 Star in C| 4 Star in java| **Profile Link**

Innovation Fest Secured 3rd prize in Innovation Fest **2024**

Project Expo Secured 2nd place in the Project Expo 2024 held in Sri Eshwar College of Engineering **2024**

SKILLS

Languages - C | Java

Core Concepts - Data Structures and Algorithms | OOPS

Frontend Technologies - HTML | CSS | JavaScript | React | Redux

Databases - SQL | MongoDB

Backend Technologies - Node js | Express js

Tools - VScode | Eclipse | GitHub | Canva | Figma