KAVINAYA S

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EDUCATION

Sri Eshwar College Of Engineering	**B.E(ECE)**	**CGPA 7.72** (upto 4th sem)	**2022 – 2026**
Rajalakshmi Genguswamy Matric Hr Sec School	**HSC**	**78.8 %**	**2020 - 2022**
Rajalakshmi Genguswamy Matric Hr Sec School	**SSLC**	**81 %**	**2019 – 2020**

INTERNSHIP

Octanet – Web development   **Jan 2024**

I developed and enhanced responsive front-end interfaces using HTML, CSS, and JavaScript, while also assisting in optimizing back-end services with Node.js and Express.js, leading to a 15% improvement in performance. Additionally, I collaborated in troubleshooting and optimizing web applications to ensure they function effectively in real-world use.

Mernstack - Better Tomorrow   **March 2024**

I built secure APIs for user authentication and database management in a team environment, implemented MongoDB for data storage and retrieval, and integrated it with React on the front end and Node.js on the back end. Additionally, I worked with industry-standard technologies and frameworks to develop a full-stack application.

PROJECTS

Movie Recommendation System :

Tools used : Javafx, Scene builder, MongoDB

Designed and implemented a movie recommendation system using Javafx, Scene Builder and MongoDB enabling users to receive personalized movie suggestions based on their preferences . Leveraged MongoDB for efficient data storage and retrieval , showcasing strong skills in JavaFX development and database management

E-Commerce Web Application:

Tools used : MongoDB, Express.js, React.js, Node.js

I designed a responsive front-end for browsing products, managing carts, and completing purchases, developed RESTful APIs for user authentication, product and order management, integrated JWT for session handling, and deployed the app on AWS using Docker for containerization.

Smart Guardian :

Tools used: Arduino, IoT Sensors, HTML, CSS, PHP, Mongodb

The Multi-Purpose Smart Helmet integrates advanced sensors and IoT technologies to enhance safety and health monitoring in high risk environments. It features specialized modes for health, mining, construction, and riding, providing real-time data and alerts for improved safety and efficiency.

CERTIFICATIONS

Mastering Data Structures & Algorithms using C and C++	Udemy	**2023**
Python certified from Sololearn	Sololearn	**2023**
Virtual Cloud Computing	Great Learning	**2023**
Programming in Java certified from Nptel	Nptel	**2023**
SQL (Intermediate) certified from Hackerrank	Hackerrank	**2024**
Cloud Computing	Nptel	**2024**

ACHIEVEMENTS

Codechef Solved above 204 problems in C and Java| Profile Link	
Great Learning Completed 2 courses in Great Learning | Profile Link	
Skillrack Solved 170 problems, ranked **110,828** on SkillRack | Profile Link	
LeetCode Solved 118 problems, ranked **534,865** globally on LeetCode | Profile Link	
Hackcolossus 4.0 Shortlisted in top 17th team among 200 teams	**2024**
Mini Project Expo Secured 2nd place conducted by our college	**2024**

SKILLS

Languages	: C | Python | Java | Javascript
Core	: Data Structures and Algorithms | OOPS
Web Development :	HTML5 **|** CSS3 **|** Node.js **|** Express.js **|** Rest API
Framework	: React **|** Redux **|** Bootstrap
Query Language	: SQL | Mongodb
Tools	: VS code | Canva | Github | MongoDB compass | Eclipse | scene builder **|** Postman