SHANMUGA SUNDARAM C

Chennai, TN.

📞+918760446766   sundarcss6@gmail.com   Linkedin   Github   Portfolio

SUMMARY

A Computer Science graduate with knowledge of JavaScript, Python, React.js, and SQL. Develops web applications and machine learning models. Experienced in improving UI performance and optimizing databases. Interested in full-stack development, software engineering, and AI solutions.

SKILLS

- **Programming Languages**: JavaScript, Python, SQL, HTML, CSS, Core Java, Object-Oriented Programming
- **Frameworks and Technologies** : React.js,Express.js,Node.js,Git,MongoDB,Mysql
- **Software Development Strengths:** SDLC, Collaboration, Version Control, UI/UX Optimization.

WORK

EXPERIENCE

Full stack developer intern

Aristostech pvt ltd | Chennai | 01/2024 – 04/2024

- **Developed** and **maintained** a full-featured **CRM web application** using **React.js**, **Node.js**, **Express.js**, and **MongoDB**, enabling seamless interaction between **Admin**, **Employee**, and **Client** modules.

- **Implemented** advanced **CRUD operations** and **real-time validations**, improving **data accuracy** and reducing manual errors by **35%**.

- **Refactored** backend **RESTful APIs** and frontend components, decreasing **response time** by **30%** and boosting overall **performance**.

- **Utilized Git and GitHub** for version control in an **Agile/Scrum** environment, reducing code integration issues by **40%** and improving **team collaboration**.

PROJECTS

House Rental System Application (MERN Stack)

Tech Stack: React.js, Node.js, Express.js, MongoDB   Live Demo | Source Code

- **Designed** and **developed** a full-stack house rental and buying web application with separate **Buyer** and **Seller** modules.

- **Integrated** advanced **property search filters**, dynamic listings, and **secure messaging** functionality to enable smooth communication between buyers and sellers.

- **Deployed** the application on **Vercel and Render**, ensuring scalability and optimized performance.

Music Recommendation System (Machine Learning)

Tech Stack: Python, Scikit-learn   Source Code

- **Developed** a music recommendation system using **machine learning algorithms** like **Support Vector Machine (SVM)** and **K-Means Clustering**.

- **Analyzed** user preferences and **predicted music suggestions** based on genre, mood, and listening patterns.

CERTIFICATION & ONLINE COURSES

- **Developing frontend apps with react :** IBM
- **Developing Back-End Apps with Node.js and Express**: IBM
- **MongoDB Basics** : MongoDB

EDUCATION

Master of Computer Application (CGPA - 8.1)   **2024**
University of Madras

Bachelor of Science, Computer Science (CGPA – 8.42)   **2022**
A.V.C College, Mannampandhal