ADITHYA MONISH KUMAR K

AI & MOBILE APP DEVELOPMENT ENTHUSIAST

Coimbatore, Tamil Nadu, India

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CGPA: 7.69

SUMMARY

Passionate AI and App Development enthusiast with a strong foundation in data structures, algorithm design, and software development. Skilled in leveraging cutting-edge AI technologies and adept at implementing efficient algorithms, optimizing performance, and developing scalable applications. A motivated App Development enthusiast eager to innovate AI-driven applications.

TECHNICAL SKILLS

Object-Oriented Programming (OOP)	C/C++ (Programming Language)
Data Structures and Algorithms (DSA)	Java (Programming Language)
Design and Analysis of Algorithms (DAA)	Python (Programming Language)
Database Management System (DBMS)	MySQL
User Interface Design (UID)	HTML / Cascading Style Sheets (CSS)
Artificial Intelligence (AI)	JavaScript

PROJECTS

Traffic Management System — Built using Python (Programming Language)
- Built using Data Structure and Algorithms: Graphs, Hash map, linked list, Trie, MST, Dijkstra, Prims, Floyd-warshall, Bloom Filter.

Hospital Website UI— Built using HTML, CSS, Java Script and Node.js
- Built the UI for a Hospital Website using HTML, CSS and Java Script and ran on Node.js.

Smart Home Automation — Built using C (Programming Language) and Tinkercad
- Built using C (Programming Language) and Tinkercad to simulate Smart Home Automation.

Sony SSUP AgroESP Mobile App — Built using Flutter and Dart (Currently Working on it)
- Sony SSUP AgroESP Mobile App for IOS and Android built using Flutter and Dart (Programming Language).

CERTIFICATIONS

Google Cybersecurity Professional Certificate - Google	**2024**
Google AI Essentials Certificate - Google	**2024**

EDUCATION

Bachelor of Technology in Computer Science and Engineering Amrita Vishwa Vidyapeetham, Coimbatore	**Aug 2023 - July 2027**

ADDITIONAL INFORMATION

- **Languages:** English, Tamil.