Ambalavanan M

Software Developer

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PROFESSIONAL SUMMARY

Motivated Developer with a solid grasp of Java, Python, C++, and Web Technologies. Passionate about solving algorithmic problems and building efficient, scalable, and useful applications. Experienced in full-stack development, with projects ranging from crisis management dashboards to secure blockchain applications.

TECHNICAL SKILLS

Programming Languages	Java, Python, C++, C, Solidity
Web Technologies	HTML, CSS, JavaScript, React, PHP
Core Concepts	Data Structures & Algorithms (DSA), DBMS, SQL, Object-Oriented Programming (OOP)
Tools & Platforms	Git, GitHub

PROJECTS

Crisis Response Management Command Center   *HTML, CSS, JavaScript*

A comprehensive system designed to coordinate resources and communication efficiently during emergency crises.

SKE Textiles Inventory Platform   *React, JavaScript, CSS*

An inventory and sales management platform tailored specifically for optimizing textile manufacturing business operations.

E-Voting Using Blockchain   *HTML, CSS, JavaScript, Solidity, Blockchain*

A secure and transparent voting application leveraging blockchain smart contracts to prevent fraud, ensuring tamper-proof elections.

Online Quiz Management System   *PHP, JSON*

An interactive quiz platform for educational institutions featuring real-time scoring, question management, and performance reporting.

EDUCATION

BSc Computer Science   *Expected Graduation: 2027*

VIT University Vellore (In Progress)