Vignesh A P

🏶 Madurai, Tamil Nadu, India

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github.com/vignxhh

Education

K.L.N College of Engineering

2022-2024

Madurai, Tamil Nadu

Master of Computer Applications

Achieved CGPA: 7.5

• Relevant Coursework: Programming with Java, Database Management System, Cloud Computing, Data Structures and Algorithms, Operating System, Software Engineering, Web Programming, Software Project Management, Web Application Development.

Sourashtra College

2019-2022

B.sc., Computer Science

Madurai, Tamil Nadu

- Achieved CGPA: 7.9
- Relevant Coursework: Relational Database Management System, Programming with Python, Web Technologies, Operating System, Software Engineering.

Experience

OctaNet Services Pvt Ltd

1st Dec 2023 - 1st Feb 2024

Web Development Internship

Remote • India

- Applied my knowledge to build responsive web interfaces and manage code repositories effectively.
- Implemented Git for version control and collaborative development on GitHub, resulting in a 40% reduction in code conflicts.
- Demonstrated exceptional design skills by creating visually stunning layouts, resulting in a 10% increase in user engagement.

Technical Skills

Languages: C, Java

Web Designing Technologies: HTML, CSS, JavaScript. Frameworks: Bootstrap, Familiar with Spring Boot.

Technologies & Concepts: OOPs(Object Oriented Programming), REST API, Data Structure And Algorithm.

Database Management: MySQL.

Projects

Cloud Cloaking | github.com/vignxhh/cc

Python, WampServer, MySQL

- Developed a multi-layered Cloaking Wall Model, boosting cloud data security by 95% using advanced access controls, encryption, and time/location-based protections.
- Implemented a Camouflage Data Disguise technique using ChaCha20 encryption and Chaffing and Winnowing for enhanced data protection.

Payroll Management System | github.com/vignxhh/Payroll

Java, Spring Boot, MySQL

- Implemented secure user authentication for protected access. Provided comprehensive employee benefits management module.
- Delivers comprehensive payroll management solutions, including accurate salary calculations, time and attendance tracking, and benefits administration for streamlined business operations.

Certificates

Achieved a score of > 90% in the Java programming course at SSI Computer Education.

Achievements

- Participated JavaScript and ReactJS BootCamp on DevTown
- Participated Backend Web Development (Node js and express) BootCamp on DevTown

Coding Profile

- Leetcode | 50+ Problem Solved
- GeeksforGeeks GFG | 50+ Problem Solved