HEMANATH P

Aspiring Software Developer | Skilled in Java & Cybersecurity

📍 Erode
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Hemanath P | Linkedin| **GitHub**

EDUCATION

V.S.B Engineering College, Karur — B.Tech-IT

2021 - 2025

CGPA – 7.78

Thamarai Matric Hr. Sec. School, Erode — HSC

2020 - 2021

Percentage – 78.83

Thamarai Matric Hr. Sec. School, Erode — SSLC

2018 - 2019

Percentage – 73

PROJECTS

1. Quantum-Resistant Encryption System (Final Year Project)

Technologies: Java, RSA, Lattice-Based Cryptography, Merkle Tree

- Developed a dual-layer encryption model using RSA and lattice-based post-quantum techniques.
- Integrated Merkle Tree for data integrity verification.

2. Dual-Layer Database Encryption System

Technologies: AES, RSA, Merkle Tree

- Designed and implemented a hybrid encryption scheme.

INTERNSHIP EXPERIENCE

Web Development Intern, Kanavu Startup Village(3-Weeks)

- Gained hands-on experience in frontend development using HTML ,CSS and JS. while collaborating effectively within a team environment.

TECHNICAL SKILLS

LANGUAGES

Java, SQL, Dart.

WEB TECHNOLOGIES

HTML, CSS, JavaScript

Frameworks & Libraries

Flutter(Riverpod)

Spring Boot(REST APIs)

Tools & Platforms

Git, GitHub, Firebase, Visual Studio Code, Android Studio.

CERTIFICATIONS

Networking Computing (Naan Mudhalvan)

Fortinet Certified Professional (Fortinet)

Fortinet Certified Fundamentals (Fortinet)

Introduction to Cyber Security (Cisco)

AREA OF INTEREST

Mobile Application Development

Web Development

Network Security

DECLARATION

I hereby declare that the above details are true to the best of my knowledge and belief.