Mughil T

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EXECUTIVE SUMMARY

Highly motivated IT graduate with strong coding ability in Java, JavaScript, solid CS fundamentals, and hands-on experience building secure, scalable applications using Spring Boot, PostgreSQL, and Firebase. Demonstrated capability in solving real-world software problems, integrating APIs, and working in Agile teams. Passionate about building reliable systems, learning large-scale distributed architecture, and responding to technical challenges with a growth mindset and ownership.

EDUCATION

B.Tech InformationTechnology   **Nov 2021 - May 2025**
University College of Engineering(BIT campus)   **Trichy**
CGPA: 8.00

SKILLS

- Java, JavaScript, Python
- HTML, CSS, React.js, Node.js, RESTful APIs
- MySQL, PostgreSQL
- Git, VS Code, Spring Boot,Express.js, Firebase
- OOPs, Data structure, CRUD operations,

SOFT SKILLS

- Strong interpersonal skills
- Proactive and self-motivated
- Problem Solving
- Quick Learner

EXPERIENCE

Neohorizon Analytics   **July 2024 - Aug 2024**

Web development(Java) Intern

Completed a hands-on internship at NeoHorizon, where I worked on real-world software projects and enhanced my skills in Java, Spring Boot, and web development. Collaborated in an agile environment, participated in code reviews, and contributed to building scalable web applications.

PROJECTS

User Management System   **July 2024- Aug 2024**
Java,PostgreSQL,SpringBoot

Developed a CRUD-based web application to manage user details with functionalities like add, edit, delete, and view. Used Spring Boot with Thymeleaf for the UI and JPA for seamless database operations

Secure Password Manager with Encrypted Storage   **March 2025 - May 2025**
Javascript,Node.js,Firebase,PBKDF2,AES GCM,HTML,CSS,Tensorflow.js

Built a browser-based password manager with AES-GCM encryption and PBKDF2 key derivation. Integrated face and voice-based biometric authentication using TensorFlow.js and Web Speech API. Implemented OTP email verification and Firebase-based secure cloud storage

ADDITION INFORMATIONS

CERTIFICATIONS : Java programmig, DSA, SQL Hacker Rank, SOLID Principles, Fundamentals of Docker and Kubernete,Microsoft Excel,Word,Power Point, Prompt Engineering

LANGUAGES : English, Tamil

ACTIVITES : NSS Volunteer