

PRADISH G

Vellore, Tamil Nadu — +91 9025072380 — smatypradish@gmail.com
[LinkedIn](#) — [GitHub](#)

Profile Summary

M.Tech Integrated Software Engineering student with experience in programming, backend development, and machine learning through academic projects. Familiar with Java, Spring Boot, Python, NLP, and database technologies. Interested in learning and contributing to real-world software development.

Education

Vellore Institute of Technology, Vellore

Sep 2022 – Present

M.Tech (Integrated) Software Engineering

CGPA: **8.02 / 10**

Vani Matriculation Higher Secondary School, Vellore

June 2020–May 2021

Higher Secondary (Class XII)

Score: **90.0%**

Technical Skills

Languages: Java, Python, SQL

Core CS: Data Structures & Algorithms, OOP, DBMS, Operating Systems, Computer Networks

Backend: Spring Boot, REST APIs, Hibernate

Data Science: Machine Learning, NLP, Data Analysis

Database: MySQL, PostgreSQL

Tools: Git, Tableau, Power BI, AWS (Basics)

Projects

Civic Connect – Citizen Feedback Analytics Platform

- Developed a Spring Boot platform with secure role-based access for Admin and Citizen users.
- Integrated sentiment analysis API to automatically classify citizen feedback.
- Designed MySQL database and implemented real-time issue tracking.
- Tech Stack:** Java, Spring Boot, Spring Security, MySQL, REST APIs.

SmartMedID – Biometric Medical Record Security System

- Developed a biometric-based encryption system where facial recognition generates encryption keys.
- Implemented anomaly detection and secure authentication using Python and OpenCV.
- Tech Stack:** Python, OpenCV, Face Recognition, Encryption, PostgreSQL.

Sentiment Mining in Amazon Reviews: Big Data Analytics

- Processed more than 50,000 Amazon reviews using TF-IDF, GloVe, and BERT.
- Built predictive ML models achieving 94.7% accuracy.
- Created Tableau dashboards for visualization and business insights.
- Tech Stack:** Python, NLP, Scikit-learn, BERT, Tableau.

Patent Filed

Biometric-Bound Encryption System for EMR with Adaptive Authentication

Filed: March 2026

Certifications

- Cybersecurity Course Completion – Infosys Springboard (Feb 2026)
- Java Programming Certification – InternPe (Jun 2025)

Soft Skills

Analytical Thinking • Problem Solving • Communication • Team Collaboration • Continuous Learning