

Gowshika M

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GitHub | LinkedIn | Portfolio

EDUCATION

Vellore Institute of Technology

B.Tech in Computer Science Engineering

Chennai, India

Expected June 2027

Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems, Computer Networks

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript, SQL

CS Fundamentals: Data Structures & Algorithms, OOP (Inheritance, Polymorphism, Abstraction, Encapsulation), DBMS, Operating Systems, Computer Networks

Backend: Spring Boot (certified), FastAPI, Node.js, Express.js, REST APIs

Frontend: React.js, Next.js, HTML5, CSS3, Tailwind CSS

AI/ML: Scikit-learn, XGBoost, SHAP, OpenAI API (LLM integration)

Databases: PostgreSQL (incl. Supabase), MySQL, MongoDB, SQLite

Tools & Cloud: Git, GitHub, Docker, Postman, Vercel, Supabase

EXPERIENCE

Android App Developer Intern

Imarticus Learning

May 2025 – Aug 2025

Chennai, India

- Developed and tested an Android application using Android Studio, implementing application UI, core functionality, and debugging across build/test cycles.
- Followed version-controlled development workflows and participated in peer code review.

PROJECTS

LegacyLens AI | FastAPI, PostgreSQL, SQLAlchemy, React, TypeScript

2026

- Owned design and delivery of a full-stack code-risk intelligence platform: React/TypeScript frontend and FastAPI backend across 14 REST endpoints and 3 PostgreSQL tables.
- Applied object-oriented design to build a modular risk-scoring engine (Fear Score v2/v3) combining weighted signals into one metric; validated end-to-end against public repos including pallets/itsdangerous.

DevConnect AI | Next.js, TypeScript, Node.js, Express, Prisma, OpenAI API, Judge0

2025

- Built a full-stack AI hiring platform with role-based authentication, covering schema design, development, testing, and deployment (Vercel/Render/Supabase); integrated the OpenAI API and Judge0 for LLM-based evaluation and live code execution.
- Designed a token-similarity algorithm (data structures & string processing) for plagiarism detection at an 80% threshold.

HoneyShield AI | Isolation Forest, GRU Autoencoder, XGBoost, SHAP, Streamlit

2026

- Built an explainable behavioral anomaly detection system (Isolation Forest, GRU autoencoder, XGBoost) reaching 91.53% attack classification accuracy and a 0.8066 AUPRC; used SHAP to explain each prediction. Honeywell hackathon finalist.

CreatorOps | Next.js, TypeScript, Supabase (PostgreSQL), Tailwind, Vercel

2026

- Built a cloud-based SaaS for marketing content planning and approval on a relational PostgreSQL schema, deployed on Vercel.
- Implemented role-based access control across four roles (admin, manager, creator, client) using Row Level Security, with client data isolation enforced at the database layer.

CERTIFICATIONS

Android App Development

Advanced Software Engineering Job Simulation

Spring Boot & REST API Development

SQL & Database Management Systems