

Gunasekaran A

Aspiring Java Developer — Software Engineer

gunasekaraneduc@gmail.com — +91-9791486954

LinkedIn — GitHub — LeetCode — Portfolio



Profile

Final-year B.E. Electronics and Communication Engineering student with a strong foundation in Skilled in **digital electronics, microcontrollers, and communication networks**, with additional knowledge of **programming (Java, HTML, CSS, SQL)**. Quick learner with proven **problem-solving abilities**, internship exposure, and hands-on **academic and technical projects**.

Areas of Expertise

Java Development
Web Development with AI
Problem Solving
Frontend

Area of Interest

- Network and Security
- Problem Solving
- Professional Development
- Software Development

Technical Skills

Programming: Java (Proficient – OOP, Collections, Multi-threading, JDBC)

Web: HTML (Advanced), CSS (Intermediate), SQL (Basic), Responsive Design

Tools: Git, GitHub, Arduino, VS Code, IntelliJ IDEA

Typing: 50+ WPM

Certifications / Presentations

Java Programming – Infosys Springboard
Web Development (HTML, CSS) – Udemy
MySQL - HackerRank

Achievements

- Solved **200+ problems** on LeetCode.
- Built and deployed a personal portfolio website on Neocities.

Education

B.E. Electronics and Communication Engineering
2022–2026

VSB Engineering College, Karur CGPA: 7.1 / 10 (till date)

HSC

2022

Mount Giris Matric Hr. Sec. School, Ayyarmalai Percentage: 63%

SSLC

2020

Mount Giris Matric Hr. Sec. School, Ayyarmalai Percentage: 89%

Experience

Supply Chain Intern

Jun–Jul 2024

Flipkart Pvt. Ltd. – Internship

- Analyzed logistics data to identify bottlenecks and improve efficiency.
- Collaborated with cross-functional teams to optimize delivery timelines and inventory accuracy.
- Applied **data analysis and automation techniques** to support real-time decision-making.

Projects

E-Bike (Electric Bicycle)

College Expo — 2nd Year

- Developed a working prototype of an electric bicycle using a DC motor and rechargeable battery.
- Presented at the college expo as a sustainable mobility solution.

Automatic Car Parking System

Academic Project

- Designed a prototype that uses sensors and microcontroller to detect free slots and automate car parking.
- Improved space utilization and reduced manual effort in parking operations.

Accident Alert System

Academic Project

- Built a safety system that detects vehicle accidents and automatically triggers an emergency alert.
- Enhanced road safety by reducing response time during critical situations.