

# Girish Kumar S

Madurai, Tamil Nadu

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## Education

**Amrita Vishwa Vidyapeetham**  
*B.Tech in Computer Science and Engineering*  
CGPA: 7.85 / 10

Coimbatore, India  
2023 – 2027

## Projects

**Pharma Supply Chain System** *Blockchain*

- Created a decentralized model to track medicines with transparency and immutability.
- Implemented secure verification across stakeholders.

**Optimized Drone Navigation System** *Python, DSA*

- Developed an A\*-based drone navigation system enhanced with QuadTree and Segment Tree structures for fast obstacle detection.
- Generated optimized and reliable routes in dense and dynamically changing environments.

**NRGK Fashion (E-Commerce Website)** *HTML, CSS, JavaScript*

- Built a responsive clothing e-commerce website with improved UI/UX and interactive layouts.
- Integrated basic product listing cart flow to enhance user interaction.

## Certifications

- Developing Back-End Apps with Node.js and Express — Coursera *December 2025*
- Introduction to Generative AI — Google Cloud Skills Boost *July 2024*

## Technical Skills

Languages	Java, C, Python, SQL (MySQL)
Web	HTML, CSS, JavaScript
Machine Learning	Scikit-learn, XGBoost
Tools	VS Code, Eclipse, MATLAB, TinkerCAD

## Achievements

- Selected for Smart India Hackathon (College Level) with a project on Microbial Fuel Cell.

## Areas of Interest

Machine Learning      Blockchain Technology      Data Visualization