

Girish Kumar S

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 GirishKumar

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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
- Introduction to Generative AI — Google Cloud Skills Boost

December 2025

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