

# Gokul P

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## About

AI and Data Science student with strong foundations in Machine Learning, Deep Learning, and Full-Stack Development. Experienced in building AI-driven applications and data-driven solutions using real-world datasets.

## Education

**Karunya Institute of Technology and Sciences, Coimbatore**

Aug 2023 – May 2027

B.Tech in Artificial Intelligence and Data Science

CGPA: 7.9

**Brindhavan Matriculation Higher Secondary School, Tamil Nadu**

2022 – 2023

HSC (12th Grade) – 84%

SSLC (10th Grade) – 2021

## Skills

**Programming:** Python, Java, SQL

**Databases:** PostgreSQL, MongoDB

**Tools:** Power BI, Tableau, Git, VS Code, Postman, Antigravity

**AI/ML:** CNNs, LLMs, RAG

**Frameworks:** Tailwind CSS, Bootstrap, LangChain

**Soft Skills:** Communication, Problem Solving, Team Collaboration

## Internships

**YBI Foundation**

Jun 2024 – Jul 2024

*Data Science and Machine Learning Intern*

- Built predictive ML models and performed data analysis using Python and Pandas.

**Edify Techno Solutions**

Jun 2025 – Jul 2025

*Data Science and Data Analysis Intern*

- Analyzed real-world datasets and developed business dashboards using Python and Power BI.

## Projects

**Code Review Agent**

GitHub

AI-powered system that analyzes source code and generates intelligent improvement suggestions.

- Implemented LLM-based analysis to detect logical errors, inefficiencies, and bad coding practices.
- Designed modular architecture to support scalable multi-language code evaluation.

**Tools:** Python, LangChain, LLMs, GitHub API

**Legal Document Analyzer**

AI-based application to summarize legal documents and extract key clauses using NLP.

- Built automated summarization pipeline and implemented Named Entity Recognition (NER).
- Developed backend APIs for real-time document processing.

**Tools:** Python, NLP, FastAPI, React, TypeScript, Pandas

**Artisan Connect Marketplace**

Full-stack marketplace platform connecting artisans with customers through secure digital storefronts.

- Implemented authentication and dynamic product listing features.
- Designed responsive UI to enhance accessibility and user experience.

**Tools:** React, Next.js, JavaScript, Tailwind CSS, MongoDB

## Certifications

Microsoft Certified: Power BI

Cisco Certified: Python Programming

Infosys Certified: Java Programming

Infosys Certified: Machine Learning