JEGAN P

Full Stack Developer

PreFinal - Year
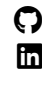
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</> leetcode.com/u/Jegan_11

EDUCATION

B.Tech — Artificial Intelligence and Data Science

Kongu Engineering College, Perundurai
CGPA: **8.81***   2023 – 2027

HSC — Sakthi Matric Higher Secondary School

Percentage: **94%**   2023

SSLC — A.K.T CBSE School

Percentage: **89%**   2021

SKILLS

Web Development

- JavaScript
- React.js
- Node.js
- Express.js
- MongoDB
- HTML
- CSS
- Tailwind CSS

Data Structures & Algorithms

- Dynamic Programming
- Backtracking
- Linked Lists
- Greedy Algorithms
- Monotonic Stack

Programming Languages

- Java
- C
- C++
- Python

Tools

- Git
- GitHub

AREA OF INTEREST

- Machine Learning
- Full Stack Development
- Data Analytics

CERTIFICATIONS

- Microsoft Certified: Azure AI Engineer Associate   Feb 2025
- MongoDB Certified Associate Developer   May 2025

LEADERSHIP

- Placement Coordinator, AIDS Department   2025*
- Executive Member, IEF Club, Kongu Engineering College   2024

EXPERIENCE

Intel Unnati — Industrial Training (Remote)

(Feb 2025 – Apr 2025)

Completed a structured industry training program with defined milestones, mentor evaluations, and phased deliverables. Worked in a collaborative remote environment following professional documentation and reporting standards. Gained hands-on exposure to real-world project workflows, time-bound execution, and disciplined development practices.

Gen AI Consortium — Intern (Remote)

(Nov 2024 – Jan 2025)

Analyzed datasets using Python libraries (Pandas, NumPy) to identify patterns and prepare features for machine learning model implementation.

PROJECTS

StellarSoil — Full Stack Farmer Marketplace

- Designed and deployed a MERN-based farmer marketplace enabling nearby product discovery, real-time order tracking and route-based delivery.
- Built secure role-based dashboards for Admin, Farmer and Customer.
- Improved market reach through direct customer access.

MediLink — AI-Powered Medical Assistant

- Built an AI-powered medical assistant using OCR and LLaMA-3-8B with 92% accuracy.
- Enabled text and voice interaction with sentiment analysis.
- Integrated real-time medical news APIs following responsible AI practices.

ProfitLens — Profit leakage and demand intelligence system

- Analyzed 9,900+ retail transactions to identify profit leakage despite revenue growth.
- Designed SQL-based KPIs to evaluate discount impact, regional efficiency, and category-level losses.
- Performed exploratory data analysis (EDA) in Python to uncover sales–profit anomalies.
- Applied machine learning models to identify high-risk loss-making segments.
- Built interactive Power BI dashboards to support data-driven pricing and inventory decisions.

ACHIEVEMENTS

- Winner, 3rdPlace in Coding Contest conducted by AI Association Kongu Engineering College.