RIJUL GULATI

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⚡ LeetCode   Portfolio

EDUCATION

Bharati Vidyapeeth's College of Engineering, Delhi   **2022 – 2026**
*B.Tech - Information Technology - **CGPA - 9.000***   *Paschim Vihar East, Delhi*

D.A.V Public School   **2022**
*C.B.S.E - 12th - **Percentage - 90%***   *Dayanand Vihar, Delhi*

TECHNICAL SKILLS

Languages: C, C++, Python, HTML, CSS, JavaScript
Backend and Database: Flask , MongoDB ,MySQL
Coursework: Machine Learning , Deep Learning , DSA , OOPS , DBMS , Operating Systems, Software Engineering, Computer Networks
Developer Tools: VS code , Git and Github , PowerBI , Figma , Unity, PyCharm

PROJECTS

Intelligent Data-Driven Model
for Securing Intra-Vehicle Communications (V-Secure) ⧉ | Python, Flask, HTML, CSS, JS   2024

- Built an intelligent model for detecting **DoS, fuzzy, RPM spoofing, and gear spoofing attacks** with **99% reduction in false positives**.
- Leveraged **7 deep learning and 3 machine learning models** for real-time threat detection.
- Integrated **live car hacking news** to enhance awareness of emerging automotive security threats.

AI-Career Coach (Ascenda) ⧉ |Next.js , Prisma , NeonDB ,Inngest ,TailwindCSS   2025

- Developed an AI-powered career coaching platform with features including **resume builder, interview preparation, cover letter generator, and industry insights.**
- Implemented **AI-driven resume optimization** to enhance ATS compatibility and improve job application success rates.
- Built the platform using **Next.js (frontend and backend), Prisma (ORM), NeonDB (database), and Inngest (event-driven workflows)** for seamless automation and scalability.

Waste Segregation Model (ECOSORT) ⧉ | Python , Flask , HTML ,CSS ,JS   2024

- Designed **7 deep learning models** for automated waste segregation, achieving **92.5% accuracy** in classifying recyclable vs. non-recyclable waste.
- **Improved precision and recall by 0.93%** through model architecture optimization across multiple waste categories.

CERTIFICATIONS

- Data Structure and Algorithms in C++ - Coding Ninjas
- Data Science - Veeyo Tech

Positions of Responsibility

National Service Scheme (NSS BVCOE)   *January 2023 – Present*
Volunteer

- Currently serving as a Content Team member.

Institute of Electrical and Electronics Engineers (IEEE BVCOE)   *June 2023 – Present*
Exe-Com

- Executive in Content and Documentation for the IEEE Computer Science Subchapter.
- Head of GAMMA (Gaming and Animation Multimedia)