# Tripti Verma

Leetcode | tripti033bteceai21@igdtuw.ac.in | +91 7982771953 | myportfolio.com | Linkedin | Github

## Education

**Bachelor of Technology** (2021 – 2025)
**Indira Gandhi Delhi Technical University for Women**
ECE – AI
CGPA: 6.9

**Intermediate (PCM)** (2020 – 2021)
**Jinvani Bharti Public School**,
Delhi-110043
Score: 83.4%

**Matriculation** (2019 – 2020)
**Jinvani Bharti Public School**,
Delhi-110043
Score: 79.4%

## Experience

**Frontend Developer Intern**, Ingro Energy, New Delhi 05/2025 – Current

- Developed highly responsive and mobile-friendly frontend interfaces using React, Next.js, Tailwind CSS, and MUI, based on Figma designs.
- Built a complete user and payment verification system, integrated with an admin mobile app React Native that enables real-time approval and rejection by admins.
- Engineered backend logic using GraphQL, Redis, and MongoDB to manage verification workflows and ensure scalable, low-latency performance.
- Designed and implemented a full-featured admin dashboard from scratch, including authentication and session management using NextAuth and PostgreSQL with unified app-backend architecture using Next.js App Router.

**Freelance**, Fuelbuddy, Gurgaon 03/2025 – 04/2025

- Designed and developed core backend systems to streamline Order Management features, including lead capture, order creation, invoice generation, order tracking, and payment management, using Node.js and PostgreSQL.
- Implemented Rider Punch-In/Out functionality to log work hours and track delivery history.
- Automated financial workflows, including multi-stage payment tracking, payment reminders, and dynamic order price calculations with discount application logic.
- Ensured smooth API integration, optimized database queries, and maintained scalable backend architecture.

## Skills

- Python | MySQL | R lang | CSS | HTML | JavaScript | Reactjs | Nextjs | Nodejs | Graphql
- Google Cloud Platform | GitHub | Figma | Jupyter Notebook | MATLAB | Excel
- Problem-solving: Solved 300+ coding problems on LeetCode (*Profile*)

## Projects

- **Deep Learning for Dermoscopic Skin Cancer Classification:** Developed a deep learning model for skin cancer classification, achieving a 97.77% test accuracy. Built as a minor project focused on accurate diagnosis through advanced classification techniques. **Accepted for presentation and published** at the 4th International Conference on Advanced Computing and Intelligent Technologies (ICACIT 2024).
- **Sketchbook Stories:** This project was created using Next.js and showcased my artwork and sketches. The website serves as a portfolio to display and share my creations with the world. **Selected for IEEE-IGDTUW's open source week.**
  *Github* *Live*
- **AI-Based Attendance System:** AI-based solution with a face recognition system that efficiently manages attendance using Python, OpenCV, Tkinter, and MySQL. *Github*

## Mentorship

**Desh Ke Mentor:** Provided guidance and support to $10^{th}$ and $12^{th}$-grade girls, assisting them with their studies and career choices. Through one-on-one sessions and workshops, helped them identify their strengths and make informed decisions about their future paths. My role focused on nurturing their academic growth and empowering them to pursue fulfilling careers. *Certificate*

## Certifications

- Completed 30 Days of Google Cloud Program - GCP. *All Badges*
- Obtained 2nd Position in the International Math Olympiad (99 State rank and 729 International rank). *Certificate*
- React.js essential training from LinkedIn Learning. *Certificate*