

TRIPTI KUMARI

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EDUCATION

Narula Institute of Technology

B.TECH IN COMPUTER SCIENCE AND ENGINEERING

GPA: 9.14 (current)

Kolkata

2022 – 2026

Haryana Vidya Mandir

SENIOR SECONDARY

GPA: 83.2 %

Kolkata

2019 – 2021

WORK EXPERIENCE

Unified Mentor

MACHINE LEARNING INTERN

June 2025 – July 2025

- Built and deployed 3 ML models: vehicle price prediction ($R^2 = 0.89$), house price prediction ($R^2 = 0.83$, RMSE = ₹37.37K), and phone price classification (93.75% accuracy, F1 = 0.94).
- Worked with datasets up to 13,320 rows and 21 features, applying regression and logistic regression techniques.
- Integrated models with HTML input forms via PyCharm, enabling user interaction and GitHub-hosted deployment. Published deployed versions on GitHub with HTML/CSS interfaces.

Globysn Technologies

FULL STACK DEVELOPER INTERN

July 2024 – August 2024

- Collaborated on the design of DocConnect, a MERN-based doctor-patient portal.
- Contributed to system planning, user role design (patient, doctor, admin), and frontend architecture
- Hosted on GitHub with modular frontend/backend structure.

SKILLS

Programming Languages: Java, C++ / C, Python (basic), JavaScript

Web Development: HTML, CSS, JavaScript, Node.js, Express.js, React.js

Tools & Platforms: Git, GitHub, VS Code, MongoDB

ML Libraries: Scikit-learn, Pandas, Numpy, Matplotlib

CS Concepts: DSA, OOP, DBMS, OS, CN

Soft Skills: Communication, Presentation, Teamwork

PROJECTS

Machine Learning Projects

DEVELOPED DURING INTERNSHIP AT UNIFIED MENTOR, FOCUSED ON REGRESSION AND CLASSIFICATION MODELS WITH WEB-BASED DEPLOYMENT.

DocConnect – Full Stack Web App

DESIGNED AND DEVELOPED AS PART OF INTERNSHIP AT GLOBYSN TECHNOLOGIES USING THE MERN STACK.

Frontend Projects

DEVELOPED MULTIPLE RESPONSIVE FRONTEND PROJECTS USING HTML, CSS, AND JAVASCRIPT, INCLUDING A SINGLE-PAGE CAFÉ WEBSITE, AN E-COMMERCE UI WITH PRODUCT LISTINGS AND CART LOGIC, A MODEL AGENCY PORTFOLIO FEATURING ANIMATED PROFILE PREVIEWS IN A GRID LAYOUT, AND A MAKEUP & COSMETICS BRAND LANDING PAGE WITH BOLD STYLING AND CUSTOM COMPONENTS.

ACHIEVEMENTS & CERTIFICATIONS

IBM Prompt Engineering Winter Program – Winner (2024), Secured 1st rank for outstanding prompt design; awarded ₹5000 Amazon voucher for innovation in generative AI tasks.

Hack-O-NIT Finalist – 4th Rank | AI Yoga Mat Project (2025), Developed an AI-powered yoga mat that detects posture and delivers personalized exercise plans based on user input (age, name, height).

Topper–First Year Academic Rank,