

ISHITA DEY

MERN STACK DEVELOPER

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EXPERIENCE

AI WALLAH - Remote (under Quirky Connections Pvt. Ltd.)

July, 2025-August, 2025

Generative AI Developer Intern

- Built and deployed multiple LLM-powered applications using transformer-based architectures, implemented prompt engineering techniques, fine-tuned open-source models for domain-specific tasks, and optimized inference pipelines for production scenarios.
- Contributed to the development of generative AI tools for text generation, summarization, and chatbot systems.
- Collaborated using Git and Agile workflows in a fast-paced startup environment.

TATA DATA VISUALIZATION: EMPOWERING BUSINESS WITH EFFECTIVE INSIGHTS

June, 2025

Virtual Intern

Formulated 8 targeted questions, 4 each for the CEO and CMO, generating insights for business performance and expansion planning. Analyzed large datasets of up to half a million rows using Power Query in Power BI.

EDUCATION

Narula Institute of Technology, Kolkata | 2023-2027

Bachelor of Technology (B.TECH) in Computer Science & Engineering with 9.15 CGPA

St. Xavier's Institution, Panihati | 2023

Indian School Certificate (ISC) – Class XII in Science with 92%

St. Xavier's Institution, Panihati | 2021

Indian Certificate of Secondary Education (ICSE) – Class X with 96%

PROJECTS

1. ZENFIT – AI-Powered Wellness Platform

Team Leader | Smart India Hackathon Finalist

- Led the development of ZenFit, an AI-based platform combining mental wellness, personalized workouts, diet plans, and real-time stress tracking.
- Built ZenBot, a conversational AI assistant for mood tracking, guided journaling, meal/workout suggestions, and wellness coaching.
- Integrated AI Clone technology enabling video-based self-reflection and stress detection through brainwave audio signals and posture analysis.
- Engineered full-stack architecture using React.js, Node.js, PostgreSQL, MongoDB, and WebRTC for real-time AI interactions.
- Designed gamified user journeys with rewards, habit tracking, and community support, targeting students, professionals, and corporate wellness programs.

2. Developed a full-featured job portal using Django as part of BCT training, with role-based authentication, job posting/search filters, resume uploads, admin dashboard, email notifications, and a responsive UI using HTML, CSS, Bootstrap, and JavaScript.

3. Smart Attendance System with Face Recognition Developed a real-time face recognition-based attendance system using OpenCV, Python, and Django, storing records in a PostgreSQL database.

4. Built a full-stack e-commerce platform with shopping cart, payment gateway integration, user authentication, and a personalized product recommendation engine using collaborative filtering.

SKILLS

- Programming Languages: C, C++, Java, Python, JavaScript
- Web Technologies: HTML, CSS, Node.js, React.js
- Database: SQL, MongoDB
- Others: Git, basic ML & NLP

CERTIFICATIONS

- Problem Solving (Basic) - HackerRank, April 2025
- Natural Language Processing for Developers - Infosys Springboard, April 2025
- Python 101 for Data Science - Cognitive Class, August 2025
- Training of 30 hours on Python with Django - Ardent Computech Pvt Ltd, February 2025
- Cyber Job Simulation - Deloitte Australia, August 2025

KEY ACHIEVEMENTS

Hack-O-NIT 2025, Kritanj Tech Fest – Top 30 Finalists (Out of 180+ Teams)

Led Team ThriveCoders in a 24-hour overnight hackathon at Narula Institute of Technology. Designed and developed ZenFit, a holistic tech solution addressing stress management and personalized nutrition.