PRITI KUMARI GUPTA

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I am a Computer Science and Engineering student with a focus on Artificial Intelligence and Software Development. Skilled in programming languages with a proven record of impactful projects., Developed an AI project risk management system and a travel website, showcasing my drive to solve real-world problems through technology.

EDUCATION

INSTITUTE OF ENGINEERING AND MANAGEMENT   **Kolkata, WB**
Bachelor of Technology   Expected June 2026
      Computer Science and Engineering
      YGPA: 1st year: 9.42; 2nd year: 9.46; 3rd year: 9.34.
      Relevant Coursework: Data Structures and Algorithms; Database Management System;Object Oriented programming

ST MARY'S CONVENT SCHOOL   **Howrah, WB**
Class 12 – Grade O (92.80 %)   April,2021

OXFORD HIGH SCHOOL   **Howrah, WB**
Class 10 – Grade A (87.70 %)   April,2019

INTERNSHIP

IEEE CIS KOLKATA   Ongoing
- Studied, surveyed and documented 150+ papers on autonomous driving while working with a team of 4 under the mentorship of Mr. Hrishav Bakul Barua, Monash University, Australia.

PROJECTS

AI-POWERED PROJECT RISK MANAGEMENT SYSTEM   Ongoing
- The AI system continuously monitors market trends,transaction histories,and economic indicators as external data to detect potential project risks
- It generates risk reports,provides mitigation strategies,and alert decision makers about critical project threats.

TRAVALOGOUS   April 2024
- Developed a travel website using HTML, CSS, JavaScript (React.js) and Node.js for backend.
- Integrated Google Maps, Weather, and Booking APIs for real-time travel data.

EXPENSE TRACKER   Ongoing
- Developed a responsive web-based Expense Tracker using HTML, CSS, and JavaScript to help users log daily transactions and monitor spending habits.

TECHNICAL SKILLS

Programming Languages: C, Java, Python
Web Technologies: HTML, CSS, JavaScript, React, Node.js
Tools & Frameworks: Git, VS Code, TensorFlow
Databases: MySQL, MongoDB
Core Subject: Operating Systems; Data Structures and Algorithms; Database Management System

CERTIFICATIONS

NPTEL:
1.Joy Of Computing using Python(ELITE)
2.Python for Data Science(ELITE)
3.Getting Started with Competitive Coding(ELITE)
4.Design and analysisof algorithms(ELITE)
5.Database Management System

PUBLICATIONS

AI-Powered Project Risk Management System
Published and presented a paper of the above mentioned title in the 2nd International Conference on Artificial Intelligence & Sustainable Computing, AISC-2025

EXTRA CURRICULARS

- Participated in *Hackoasis 1.0* (2024) – an 8-hour inter-college hackathon focused on innovation and collaborative development.
- Participated in quiz competitions conducted during various college fests, including SYTRON'23,IEMPACT'22,QUIZZOPHERNIA
- Participated in *Cubicon* event during SYTRON fest *2023* – a Rubik's Cube solving competition organized at the college level.
- Participated in badminton competition organized by our college as part of sports and recreational activities.