Shreya Dutta

Phone: +91 9002094559 | Email: duttashreya1010@gmail.com | Kolkata, West Bengal
LinkedIn: www.linkedin.com/in/shreya-dutta-289b40251/ | GitHub: github.com/Reyd900

EDUCATION

VIT Bhopal University, Bhopal, Madhya Pradesh — **Cumulative GPA:** 8.11/10
B.Tech, **Major in Computer Science and Engineering** — *Expected May 2026*

WORK EXPERIENCE

Gen AI (Full Stack) Developer Intern
Akiyam Solutions | Nov 2025 (Ongoing)

- Built an AI-powered predictive analytics platform with my team that analysed real-time data and generated accurate forecasts. This improved overall prediction accuracy by 25%, helping businesses make faster and more reliable decisions.
- Developed the full-stack workflow using React.js, Node.js, and REST APIs, ensuring smooth data visualization for end users. Our improvements reduced reporting time by 40%, making insights available almost instantly.
- Integrated machine learning pipelines for anomaly detection and risk scoring using TensorFlow and OpenAI APIs. This helped our clients like retail, finance, and supply chain identify issues early and reduce risks, resulting in better planning and fewer operational errors.

TECHNICAL SKILLS

Languages	Python , C++, JavaScript, SQL, HTML5, CSS3
Frameworks	Pandas, Tensorflow, Scikit-learn, NumPy, React.js, Next.js, Node.js
AI & Data	OpenAI APIs, RAG, LLM
Core CS Concepts	DSA, OOP, DBMS, OS
Developer Tools	Git, GitHub

PROJECT

AI Personal Finance Insight Generator — 2024-2025
Python, Flask, OpenAI API, Pandas, LLM

- Built and trained ML models to analyze transactional data, extract behavioral patterns, and generate adaptive financial insights—treating it as an empirical ML problem with iterative experimentation.
- Applied deep learning and language model techniques to summarize user data and improve interpretability, emphasizing data preprocessing, evaluation, and reproducibility.
- Optimized performance by profiling inference latency, tuning data pipelines, and refining model integration for scalable real-world deployment

FeelSync | Mental Health Detection Platform — *2023-2024*
Python, ML, Flask, React, GenAI Integration, MySQL

- Implements a gamified mental health detection system using interactive psychology-informed mini-games and advanced ML models for early identification of anxiety, depression, and attention disorders.
- Optimized API response time by 30% through asynchronous queries and API restructuring.
- Includes real-time behavioral data capture, pattern analysis, and personalized dashboard visualization to support adolescent mental wellness monitoring.

Tax Navigator Link — *2022-2023*
Python, React, HTML, JS, CSS, Bootstrap

- Created an interactive website for a renowned law firm, ensuring compliance with precise specifications for site categories and functionalities.
- Generated website features including loading animations and a chat support system to enhance user experience and facilitate new user queries submission.
- Executed a successful industry live project for a prominent law firm, resulting in revenue generation and consistent daily traffic growth

COCURRICULAR

National Tech Events — *Dec 2022 - Dec 2024*
Participated in Flipkart Grid 5.0, HackRx 4.0 (Bajaj Finserv), TechGig Code Gladiators. Enhanced programming proficiency by 30% through team-based challenges.

Coordinator at BitByBit Club — *Dec 2022 - Jul 2023*
Organized 50+ campus events and performances, enhancing collaboration and coordination by 40%.

ADDITIONAL

Certificates:
Unity and C# Basics : authorized by Meta (offered through Coursera) — *Nov 2023*
GEN AI : certificate by IBM cognitive classes — *April 2025*
Languages: English, Hindi, Bengali.
Hobbies: Classical Dance (Trained 10+ years), Music, Reading, Writing