Ayaan Gopal Ray

743-987-4962 | ayaang.ray@gmail.com | linkedin.com/in/ayaanray | github.com/kantandesu

EDUCATION

Netaji Subhash Engineering College — Kolkata, WB
Bachelor of Technology in Artificial Intelligence and Machine Learning — *August 2023 – June 2026*

Techno Main Salt Lake — Kolkata, WB
Diploma in Computer Science and Technology — *December 2020 – July 2023*

EXPERIENCE

Mobile Application Development Intern — Feb 2025 – May 2025
Snowy Software Private Ltd. — *Kolkata, WB*

- Authored detailed system design and user flow diagrams to support development and onboarding.
- Assisted in the implementation of backend communication for real-time features.
- Wrote and maintained the project's core documentation, including technical specifications and user guides.
- Monitored API usage through Google Cloud Console to aid in performance tuning and cost estimation.
- Tested and validated Android builds to ensure stability and deployment readiness.

PROJECTS

CalWatch - HackHazards '25 | *Flutter, Dart, Rust* — April 2025

- Led the blockchain and AI infrastructure integration for an AI-driven fitness and nutrition app.
- Integrated Stellar blockchain by writing and deploying a custom token contract to securely issue, track, and manage user reward tokens within the app.
- Implemented Monad transaction architecture to log immutable daily achievements and power gamified health incentives.
- Collaborated cross-functionally to ensure consistent UX across decentralized components while maintaining high availability and data integrity.

Dishastra - Nirmiti 2024 | *React, JavaScript, Node.js, Django, Python* — August 2024 – Present

- Lead frontend developer for an entrepreneurship initiative showcased at Nirmiti, a startup conclave.
- Translated high-fidelity Figma designs into a responsive and polished user interface using React and Tailwind CSS.
- Played a key role in refining the UI/UX through iterative feedback and testing, enhancing usability.
- Collaborated effectively with fellow team members to integrate a Python-based machine learning model into the application workflow.

ACHIEVEMENTS

Top 100 at HackHazards '25 — April 2025

- Secured a place among the top 100 teams from among a total of 2900+ teams.

Winner of Nirmiti 2024 Tier-I — October 2024

- Secured first prize at a two-day startup conclave hosted by RERF, in which more than 38 colleges participated.

Amazon ML Challenge — September 2024

- Our team secured a rank of 232 among more than 70,000 participants.
- Worked on feature extraction from a given image dataset using OCR with PyTesseract.

TECHNICAL SKILLS

Languages: Java, Rust, Python, Dart, SQL, JavaScript, TypeScript, HTML/CSS
Frameworks: React, React Native, Flutter, Node.js, Django, TailwindCSS
Developer Tools: Git, Google Cloud Platform, VS Code, Cursor
Design Tools: Figma, Canva
Libraries: pandas, NumPy, Matplotlib, Tensorflow, PyTesseract

CERTIFICATES

Coursera — Online
Google IT Support Professional Certificate — *September 2023 – December 2023*