

Sagnik Sinha

(+91) 78907 24073 | sagniksinha.2004@gmail.com | www.linkedin.com/in/sagniksinha2004 | github.com/sagnik-tech56 | sagnik-tech56.github.io

EDUCATION

Netaji Subhash Engineering College

Bachelor of Technology in Artificial Intelligence and Machine Learning

Garia, Kolkata

Oct 2022 - June 2026

Kendriya Vidyalaya Barrackpore (Army)

Higher Secondary Education

Barrackpore, North 24 Parganas

July 2020 - June 2022

EXPERIENCE

Mobile Developer Intern

Snowy Software Private Limited

February 2025 - May 2025

Garia, Kolkata

- Responsible for **integrating websockets** in the frontend for real-time data updation.
- Resolved critical bugs** related to application runtime.
- Helped in packaging of the application** for deployment readiness.
- Helped in **native code integration in expo eas-cli builds**, resulting in improved performance and faster roll-outs.

PROJECTS

CalWatch | Python, Django, Flutter, SQLite3

April 2025 - April 2025

- Added various features** into the mobile application.
- Updated the UI/UX** of various screens of the application.
- Connected** the mobile application **with the backend** for smooth data updates.
- Introduced streak factor** to encourage users to keep using the app.

Dishastra | Python, Django, Flutter, SQLite3

August 2024 - Present

- Developed the various screens** of the application using React-Native based on the preliminary application.
- Helped in **migration of the codebase** to Flutter for business goal alignments.
- Connected** the mobile application **with the backend** for seamless data updates.
- Integrated Google Maps API** for smooth display of maps.

ACHIEVEMENTS

HackHazards 2025

April 2025

- Secured a place among the **top 100 teams** from among a **total of 2900+ teams**.
- Responsible for developing and adding various features into the mobile application **CalWatch** based on the preliminary application developed.

Winner of Nirmiti 2024 Tier-I

October 2024

- Aided in the backend of the application of the startup presented at Nirmiti.
- Created powerful PPTs** for better presentation of the application.

Amazon ML Challenge

September 2024

- Achieved a rank of **232 out of 70,000+ participants** in this prestigious hackathon.
- Helped in OCR and PyTesseract based processing pipelines to handle over **200k images** for text extraction.

TECHNICAL SKILLS

Languages: Java, Python, SQL (Postgres), JavaScript, HTML/CSS

Frameworks: React Native, Flutter

Developer Tools: Git, VS Code, Cursor

Libraries: pandas, NumPy, Matplotlib, Tensorflow