

ANIRBAN DAS

MOBILE APPLICATION DEVELOPER

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SUMMARY

Flutter Developer focused on building high-performance cross-platform mobile applications with modern UI/UX, scalable architecture, and AI-powered features. Experienced in Flutter, REST APIs, TensorFlow Lite integration, and real-time mobile systems. Passionate about creating visually polished, production-ready applications with smooth animations and optimized user experiences.

PROFESSIONAL EXPERIENCE

INTERNSHIP , STUDENT RESEARCHER AT IEM IEDC Jan 2025 - Feb 2026

- Worked on AI-integrated mobile application research and development.
- Contributed to projects involving TensorFlow Lite, Flutter, and backend systems.

ORGANIZER OF MLH HACKDAYS "BOT TO AGENT" HACKATHON Apr 2026 - Apr 2026

3-MONTH INTERNSHIP PROGRAM, PREGRAD Jan 2024 - Apr 2024

EDUCATION

BACHELOR OF COMPUTER APPLICATIONS (BCA) 2023-2026

Institute of Engineering and Management , Kolkata

PROJECTS

[NETRA SATHI](#)

A companion app that connects to Netra Sathi hardware, enabling caregivers to monitor health, track location, prevent fraud,UPI payments and respond instantly to emergencies.

- Developed the caregiver companion mobile app using Flutter for realtime monitoring of visually impaired
- Implemented live location tracking UI with route visualization using realtime data streams
- Built a secure remote payment verification interface to assist in fraud prevention workflows
- Added multi-language support to improve inclusivity across users
- Developed an emergency alert interface displaying live location, user status, and critical data instantly

[GHOST OS](#)

Developed the mobile application for Ghost-OS, a project focused on remotely controlling and monitoring GhostOs through a terminal-style mobile interface.

- Built the Flutter-based mobile interface with a custom terminal-inspired UI
- Implemented real-time WebSocket communication for remote command interaction and telemetry updates
- Integrated ElevenLabs voice synthesis and voice-control features for interactive device communication
- Built speech-to-command and TTS workflows for hands-free interaction
- Developed live system monitoring dashboards displaying device telemetry and status information

TECHNICAL SKILLS

Skills: Flutter, Dart, REST APIs, TensorFlow Lite, YOLO, OCR, MongoDB, Node.js, Firebase Alternatives, Git/GitHub, Android Studio, Figma, Kotlin, Java, C++

ACHIEVEMENTS

- 3x MLH Hackathon Winner
- Director's Award for Best Student Contribution (2026)
- Built multiple AI-powered and cross-platform mobile applications