

# Sasanka Kundu

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## EXPERIENCE

### Software Developer Intern (Flutter) | IFI Techsolutions

April 2025 - Present

- Developing a study app using **Flutter** framework and **Material UI**.
- Integrated backend with **Firestore database**, **Google Sheet API**, **SharedPreferences**.
- Develop and maintain both Admin and User panel for smoothening the data flow.
- Manages state and navigation using **GetX** Controller.

## EDUCATION

### Maulana Abul Kalam Azad University of Technology

October 2023 - July 2025

*Master of Computer Applications*

*CGPA: 8.87/10.0*

### Kalyani Mahavidyalaya (University of Kalyani)

September 2020 - August 2023

*B.Sc. in Computer Science*

*CGPA: 8.69/10.0*

**Courses:** Object-Oriented Programming, Data Structures, Computer Networks, Operating System, Software Engineering, Cloud Computing, Machine Learning, Database Management System, Compiler Design

## SKILLS

**Languages:** C, C++, Python, Java, Dart, C Sharp, JavaScript, HTML/CSS, SQL, Shell Script(UNIX/LINUX)

**Frameworks:** Flutter, TensorFlow, OpenCV, Numpy, Firebase, Docker, MySQL, Node.js, MongoDB, Git, Material-UI

**Technologies:** Native/Cross Platform App Development, Machine Learning, Containerization

**Tools:** GitHub, VS Code, Android Studio, Jupyter Noteboook, Google Colab, Docker Desktop, Oracle VirtualBox, MySQL Workbench, MS Office

**Soft Skills:** Self Learner, Multi-tasking, Customer-focused mindset, Teamwork

## PROJECTS

### SmartShop 📄 | Dart, Node.js, Express.js, MongoDB, Provider, Postman API, Visual Studio Code May 2025 - July 2025

- Building core features such as product listing, cart management, user authentication etc.
- Integrated MongoDB with Node.js to handle user login/registrations, product CRUD operations.
- Write API functions(Post, Get) for smooth asynchronous tasks using Express.js as middleware and Node.js.
- Implemented responsive UI and state management with Provider, offering a good user experience.

### MeetSpace 📄 | Dart, Flutter, Firebase, JitsiMeet API, Visual Studio Code September 2024 - December 2024

- Merged JitsiMeet flutter SDK for high quality video conferencing experience with 15% better resolution.
- Allows participants to share screen, chat, record screen during meeting.
- Integrated with Firebase firestore to save user info, meeting info.
- Include end-to-end encryption and other security measures to protect meetings and reduce 90% vulnerability.

### SafeShield 📄 | Java, XML, Firebase, Google Map API, Android Studio June 2023 - August 2023

- Addressing three major user concerns for personal security in public spaces.
- Users can share 98% accurate real time location through SMS.
- Incorporated Java with Firebase real-time database and Google Maps SDK.

## CERTIFICATIONS

- **Deloitte Australia Data Analytics Job Simulation on Forage** - June 2025 📄
- **Programming for Everybody** (Getting Started with Python) 📄

## ACHIEVEMENTS

- Ranked 114th in WBJECA(West Bengal Joint Entrance Examination for Computer Applications) 2023 in the GMR category.