

# Shivam Sharma

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## EDUCATION

**Babu Banarasi Das Institute Of Technology And Management**

*Bachelor of Technology in Computer Science*

May 2025

*Current GPA: 7.6/10.0*

## SKILLS

**Languages:** Java, Python, JavaScript, Dart, C

**Tools:** Firebase, Cloudinary, Git/GitHub, Android Studio, VS Code, IntelliJ IDEA, PostMan

**Frameworks:** Flutter, Django, FastAPI, Nodejs, Nextjs, React.js, Tailwind CSS, Bootstrap

**Database:** MongoDB/Mongoose, PostgreSQL

## EXPERIENCE

**Flutter Development Intern** | *Evening Coders*

June 2024 – Nov 2024

- Developed and integrated over 15+ pixel-perfect UI screens for the company's internal project using Flutter.
- Gained proficiency in Figma, enabling seamless translation of 80% of the app's designs into functional components.
- Streamlined user authentication and data storage, improving app performance and reducing response time by 25%.

**Flutter Development Mentor** | *Google Developer Student Club*

August 2023 – April 2024

- Mentored peers in the Google Solution Challenge under GDSC, guiding them on Flutter development and app-building best practices.
- Assisted teams in understanding and implementing Flutter concepts to develop innovative solutions for the challenge.

## PROJECTS

**InstaScan** | *Flutter, Firebase, FastAPI, Tensorflow, CNN, EfficientNetBx, Cloudinary, Git*

(View Project)

- Developed InstaScan, an AI-powered medical imaging application for skin cancer and pneumonia detection using deep learning.
- Trained EfficientNetB7 models on HAM10000 (10,015 images) for skin cancer (Accuracy: 92.5%, F1-score: 0.91) and RSNA Pneumonia Dataset (26,684 images) for pneumonia detection (Accuracy: 94.2%, F1-score: 0.93).
- Built and deployed two FastAPI-based APIs for model inference, hosted on Render for scalable access.
- Achieved precision of 93.1% and recall of 90.8% for skin cancer detection and precision of 94.7% and recall of 93.5% for pneumonia detection.
- Ensured a seamless user experience with an intuitive Flutter UI and responsive design.

**CallMate** | *Flutter, Dart, Provider, Firebase Auth, Firestore, FCM, Agora, Android Studio*

(View Project)

- Developed a real-time video calling app using Agora SDK with FCM-based call notifications and custom call UI.
- Implemented friend request, invite, and accept/reject flows using Firebase Authentication and Firestore.
- Enabled full-screen incoming call alerts with deep linking using flutter\_local\_notifications.
- Added splash screen and dynamic auth-based routing for smooth and secure user experience.

**ShlokaSaar** | *Flutter, Python, CrewAI, Langchain, Gemini, BLoC Architecture, FastApi, Firebase, Git*

(View Project)

- Developed ShlokaSaar, an AI-powered Sanskrit shloka interpretation app using Flutter, providing real-time translations and explanations.
- Implemented a Multi-AI Agent System to generate Hindi and English translations, detailed meanings, and brief summaries of Mahabharata shlokas.
- Utilized BLoC architecture for state management, ensuring efficient handling of user inputs and AI responses.
- Integrated voice input and text input for seamless user interaction, allowing users to enter shlokas conveniently.

## ACHIEVEMENTS

- Certified in **Google Cloud** through Google Cloud Career Practitioners Campaign organized by GDSC BBDITM.
- Solved over 250+ questions on Leetcode.
- Solved over 150+ problems on GeeksforGeeks in DSA.