

Shivam Sharma

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EDUCATION

Babu Banarasi Das Institute Of Technology And Management

Bachelor of Technology in Computer Science

Aug 2025

Current GPA: 7.4/10.0

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

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.

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.

AutoBot | *Flutter, Dart, Provider, OpenAI API, PostMan, Git, Android Studio*

(View Project)

- Designed an intuitive interface using ChatGPT API for real-time, natural conversations.
- Integrated DALL-E API for creating custom AI-generated images.
- Implemented voice-to-text and text-to-voice for enhanced accessibility.
- Developed a responsive UI in Flutter, supporting iOS, Android, and web.

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.