

ANANT AGARWAL

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EDUCATION

Jaypee University of Engineering and Technology
B.Tech in Computer Science and Engineering (CGPA - 7.3)

August 2022 - Present
Guna, M.P.

EXPERIENCE

KI Automatisieren

Flutter Developer Intern

June 2025 – October 2025
Remote, Germany

- Collaborated in an **Agile team environment** with daily standups and sprint reviews.
- Developed scalable UI components in Flutter, improving app load time.
- Integrated APIs and optimized state management using Provider and Riverpod.

Grootz, India

Web Developer Intern

May 2025 – June 2025
Remote

- Worked in a cross-functional team to deliver web features using HTML, CSS, and JS.
- Contributed to redesign of dashboards, improving user experience.

PROJECTS

Contextual RAG System (Mobile App) | Flutter, Dart

- Built the Flutter frontend for a document-based AI assistant with a clean and simple UI.
- Implemented screens for uploading documents and chatting with the AI.
- Connected the app with the backend RAG workflow to show context-aware responses to user queries.

ChatLingua | Flutter, FlorisBoard (Customized), Translation APIs

- Started as a PoC by customizing FlorisBoard for inline translations.
- Scaled into a **Prototype** integrated with Google/DeepL APIs for real-time chat translation.
- Delivered an **MVP** keyboard reducing translation latency by, enabling seamless multilingual chat.

MindTag | Flutter, Vosk, Custom Hotword Detection

- Developed a smart assistant with offline voice transcription (**Vosk**).
- Integrated **custom hotword detection** and background real-time transcription.
- Progressed from **prototype** to **MVP** by optimizing audio buffer usage.

MindKeep | Flutter, AssemblyAI API, Firebase

- Built an memo app with **speech-to-text AI** and silence detection.
- Improved transcription accuracy.

SKILLS

Languages: C++, Dart, Java, C

Frameworks & Tools: Flutter, n8n, Firebase, Git, Android Studio, VS Code

APIs & Services: AssemblyAI, Vosk, Google Translation API

Concepts: State Management (Provider), Hotword Detection, Real-Time Transcription, Clean Architecture, Background Services, Generative AI

CERTIFICATIONS

Android Development: Mastering Java & Kotlin

Certificate Link

The Complete Flutter Development Bootcamp

Certificate Link

POSITIONS OF RESPONSIBILITY

App Developer | AR-VR-MR Technical Club

Mar 2023 – Feb 2024

Assisted the technical team in building onboarding tools for club orientation events.

Android Developer | GFG Student Chapter

Jan 2025 – April 2025

Led Android workshops and mentored juniors in mobile development.