

# Anvesh Mishra

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## Education

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<b>B.Tech in Computer Science Engineering</b> Bennett University	2024 – Present CGPA: 8.18
<b>Senior Secondary (CBSE)</b> Percentage: 90.8%	2023
<b>Secondary (CBSE)</b> Percentage: 92.5%	2021

## Projects

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**ORBIT – AI 911 Dispatch Response System | Full Stack Development** Live  
*Next.js, React, Supabase, Twilio, TTS, STT, LLM API, Webhooks*

- Built a production-style voice AI system to convert emergency calls into structured incidents and dispatch workflows using Next.js, Mappls API, MCP and LLM.
- Designed end-to-end voice pipeline integrating STT, LLM-based classification, and outbound call automation via Twilio.
- Engineered webhook pipelines for handling call events, retries, and data normalization across services.

**InterviewAI – AI Mock Interview Platform | Full Stack Development** Live  
*Next.js, TypeScript, React, Supabase, VAPI, Groq LLM, Zod, Tailwind CSS*

- Built an AI-powered mock interview platform with real-time voice interview simulation, role-specific context injection, and manual transcript fallback for reliability.
- Engineered end-to-end interview completion and webhook pipelines to persist transcripts and generate structured Q&A summaries with strengths and improvements using Groq LLM.
- Implemented secure authentication and data isolation, SSR session handling, and Row-Level Security across dashboard, interview history, and job template workflows.

**Cal AI – AI-Powered Calorie Tracker | Full Stack Development** Live  
*Next.js, TypeScript, React, Tailwind CSS, Supabase, LLM API, Framer Motion, Recharts*

- Built an AI-first nutrition tracker using Next.js, Supabase, and LLM API enabling users to scan meals and estimate macros via photo or text input.
- Implemented Auth with Row-Level Security (RLS) to ensure user-specific data isolation and secure meal history storage.
- Developed personalized goal management with progress visualization using Recharts, streak tracking, and a mobile-first UI built with Tailwind CSS and Framer Motion.

## Technical Skills

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**Languages:** Python, JavaScript, React, C++, Java, SQL

**Backend:** FastAPI, Django, Flask, Node.js, Express

**AI/ML:** Transformers, NLP, LLMs, STT/TTS Pipelines

**Systems:** APIs, Webhooks, Async Processing, Event-driven Systems, Git

**Databases:** PostgreSQL, MySQL, MongoDB

## Relevant Coursework

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Data Structures & Algorithms, DBMS, OOP (Python & Java), Operating Systems, Probability & Statistics, Linear Algebra, Full Stack Development, Microprocessors, Design Thinking & Innovation, Design and Analysis of Algorithms, Computer Networks

## Achievements

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- Winner, Hackathon at BITS Pilani (APOGEE 2025)
- Winner, ACM Bennett University Hackathon
- 1st-Runner Up, Mappls Tech Hackathon, BITS Pilani (APOGEE 2026)