

Animesh

Bachelor of Technology
Jaypee University of Information Technology, Solan

EDUCATION

•Bachelor of Technology in Information Technology

Jaypee University of Information Technology, Solan

2020-24

CGPA: 8.1

EXPERIENCE

•Emergent (YC S24)

Software Engineer

May 2024 - Present

- Part of 20-person engineering team at Y Combinator S24 startup ranked among world's top 10 fastest-growing companies.
- Architected AI-powered diagnostic agent for GCP reducing ticket resolution time by 35% through autonomous root cause analysis.
- Built backend services using Python FastAPI and integrated GCP Cloud Logging API with intelligent filter generation.
- Developed React chat interface with real-time streaming and implemented AGNO framework agent for production debugging.

•Antino Labs

Backend Developer

July 2023 - March 2024

- Developed backend for RAK and KLUDI projects using Strapi CMS and Node.js with enhanced functionalities.
- Created RESTful APIs ensuring seamless integration, improving data accuracy by 30%.

PERSONAL PROJECTS

•GCP Intelligent Log Analysis Agent

Python, FastAPI, React, AGNO, GCP, AI/ML

May 2024 - Present

- Built AI agent autonomously investigating GCP production issues with 35% faster resolution across multi-service architectures.
- Implemented architecture-aware intelligence maintaining GCP structure (GKE, Cloud Run, databases) for smart investigation.
- Developed NLP enabling engineers to describe issues in plain English for instant diagnosis and cross-service root cause analysis.
- Created intelligent filter generation determining time ranges, severity levels, and service dependencies dynamically.
- Designed smart UX with filter buttons for one-click log access. Tech: Python, FastAPI, React, AGNO, GCP Cloud Logging API.

•Hyperlocal - Metaverse Social Network

React, Node.js, WebRTC, Three.js, Socket.IO

April 2024 - Present

- Developed metaverse platform with "Jams" - 3D spaces enabling proximity-based voice/chat via WebRTC and spatial audio.
- Built multiplayer avatars with Three.js, geolocation discovery, and Web3 monetization with digital currency and paid avatars.

•Wingman - AI Video Call Copilot

JavaScript, TypeScript, Chrome API, Vosk, OpenAI GPT

March 2024 - April 2024

- Built Chrome extension with real-time AI responses during video calls using Vosk and GPT. 100+ active users.
- Implemented stealth overlay, context upload (PDFs, notes), teleprompter feature, and downloadable transcripts.

More projects: portfolio-beryl-eight-45.vercel.app

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, C++, HTML/CSS, SQL

Frameworks & Libraries: React.js, Node.js, FastAPI, Express.js, Three.js, Socket.IO, WebRTC

Databases & Cloud: MongoDB, PostgreSQL, Firebase, Redis, Google Cloud Platform (GCP), Cloud Logging, Cloud Run

Tools & Technologies: Git, GitHub, Docker, Strapi CMS, RESTful APIs, Chrome Extensions API, AGNO Framework

AI/ML: OpenAI GPT, RAG Pipelines, AI Agents, Natural Language Processing, Vosk Speech Recognition

Core Concepts: Data Structures & Algorithms, Distributed Systems, Microservices, System Design, Agile/SDLC