Animesh

📞 +91-9350409792
✉ d.animesh.pr@gmail.com
🐙 GitHub Profile
in LinkedIn Profile
Personal Portfolio

Bachelor of Technology
Jaypee University of Information Technology, Solan

EDUCATION

•**Bachelor of Technology in Information Technology** *2020-24*

Jaypee University of Information Technology, Solan CGPA: 8.1

PERSONAL PROJECTS

•**Hyperlocal** *1 APRIL - Present*

Founder and Developer

- Designed and developed a real-time metaverse social networking app enabling proximity-based voice and chat interaction using WebRTC and spatial audio.
- Implemented core feature "Jams": interest-based virtual scenes where users interact via avatars in themed 3D environments.
- Built multiplayer real-time avatars using [Three.js/Babylon.js/Unity/WebGL] with synchronized movement and interactions.
- Integrated proximity detection logic to manage contextual audio channels and optimize performance in group environments.
- Enabled screen sharing within the metaverse to support real-time collaboration, co-working, and live presentations.
- Created public and private access controls for Jams, including capacity limits, invite-only access, and follow-based visibility.
- Developed profile system with follower mechanics, interest-based discovery, and privacy-layered content visibility (public/private posts and jams).
- Added geolocation features to support proximity-based user and content discovery using [Google Maps API / Geolocation API].
- Architected future monetization strategy with Web3-based digital currency, paid avatars, and scene SDKs for user-generated content.
- Deployed full-stack MVP with real-time features using TypeScript, React, Node.js, Socket.IO, and MongoDB/-PostgreSQL.

•**Wingman** *March 2024 - April 2024*

Founder and Developer

- Developed Wingman, a real-time Chrome extension copilot for video calls that transcribes live conversations and suggests AI-generated responses contextually.
- Engineered a stealth overlay system using content scripts to allow users to discreetly access suggestions during screen-shared video meetings.
- Integrated Vosk for real-time speech recognition and GPT-based language models for generating situational responses.
- Enabled users to upload PDFs, notes, and slides as additional context for more accurate and tailored suggestions during calls.
- Built a teleprompter feature for dynamic, AI-generated presentations and speaking cues.
- Implemented a downloadable transcript system, storing both transcribed speech and AI responses for post-meeting review.
- Achieved 100+ active users within the first month of launch; available on the Chrome Web Store.
- Tech stack: JavaScript, TypeScript, Chrome Extensions API, Vosk, OpenAI GPT, TailwindCSS, HTML5

EXPERIENCE

•**Antino** *July 2024 - Present*
- Developed and designed the backend for the RAK project using Strapi, delivering a robust and scalable solution for the client.
- Developed and designed the backend for the KLUDI project using Strapi, delivering a robust and scalable solution for the client.
- Collaborated with the frontend team to implement new features and develop enhanced functionalities for the main web application using Node.js and Strapi (headless CMS).
- Created robust APIs using NodeJs and Strapi, ensuring seamless integration with existing systems; improved data accuracy by 30 percent and facilitated smoother communication between front-end and back-end services.

•**Mitt-Arv** *May - June 2024*
- Gained expertise in the software development life cycle (SDLC) and Agile methodologies, ensuring efficient project execution and iterative development and collaborated with the frontend team to design and implement 10+ new features for a mainstream web application using Node.js and Strapi, driving improved user engagement through seamless functionality.
- Resolved bugs and developed new features in the Node.js backend, enhancing system stability and functionality.

TECHNICAL SKILLS AND INTERESTS

C/C++, Python, Javascript, HTML+CSS,C++ STL, Python Libraries, ReactJs,Nodejs, VScode, Git, Github, ReactJs, MongoDb, Firebase, Relational Database(mySql)

Relevent Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.