

Chetan

+91 8979634667 | chetanbaliyan10@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

EXPERIENCE

Software Developer Intern

October 2022 – April 2023

Pipesort Technologies

[Remote]

- Led frontend development, creating elegant and responsive user interfaces.
- Contributed to building a multi-version documentation portal with role-based access control and integrated advanced filters for enhanced search flexibility and efficiency.
- Developed scripts on AWS Lambda functions to enhance system functionality, such as finding all orphan documents in the portal to optimize search performance, etc.
- Gained hands-on experience in Hasura with PostgreSQL and AWS services, including S3, Lambda, Amplify, and DynamoDB.

Software Engineer

Jun 2023 – Present

Pipesort Technologies

[Remote]

- Significantly enhanced frontend and backend projects, introducing features, fixing bugs, and optimizing code for better performance and user experience.
- Led a team in developing an AI HR agent automating HR tasks, from hiring to responding to candidate queries.
- Built and maintained a PDF documentation service from scratch, using AWS ECR, Lambda, DynamoDB, and S3 for efficiency with the capability to handle large documents.
- Integrated Vonage for video meetings in an online event service, adding user-friendly features for document, video, image management during meetings.

PROJECTS

Video Transcoding Service | *AWS Lambda, ECS, FFmpeg, S3, Redis* — Source Code

October 2023

- Built a video transcoding service on AWS Lambda, ECS, S3, and FFmpeg.
- Designed and integrated a Redis queue for optimized video transcoding processes.
- Enforced a processing limit of 5 to efficiently manage parallel video transcoding tasks

NodeJs-Whisper | *NPM Package* — Source Code

September 2023

- Developed an NPM package, serving as a wrapper for the open-source AI model Whisper by OpenAI, facilitating seamless integration of AI speech-to-text capabilities in Node.js with timestamps.
- Achieved 700+ downloads on the npm website.

AI Telegram Bot | *Telegram Bot* — Source Code

December 2022

- Developed a versatile Telegram bot with features including image sharing, text-to-speech, grammar checking.
- Engaged with a user base of more than 2,000 individuals and maintained activity in over 20 groups.

Short Video Automation Tool | *Ffmpeg, ElevenLab, OpenAI* — Instagram Channel Link

July 2023

- Utilized AI for script handling, FFMpeg for video editing, ElevenLab for audio, and Pexels for image assets.
- Automated the creation of short videos for YouTube Shorts, Instagram Reels, and TikTok.
- Generated 30+ videos, resulting in over 2 million views, thousands of likes and comments, and over 100+ waitlist

DocumentAI | *PDF Extraction Tool* — source Code

November 2023

- Developed a tool for extracting information from PDFs based on user-defined schemas, providing a JSON output with all required details. Served as an open-source alternative to Google's DocumentAI Service.

ACHIEVEMENTS

Winner - ETHDubai x SushiSwap x Mantle Hackathon '22

April '22

Developed a DEX interface for secure Flash Loans on the Flow Blockchain.

2 Million+ Views on Instagram with my video automation tool

November '23

Automated video creation from Quora content.

Winner - ETHIndia '23 (World's Biggest Ethereum Hackathon)

December '23

Built a decentralized FIR system on the Ethereum Blockchain.

EDUCATION

Rajdhani College, Delhi University

Delhi

Bachelor of Arts in History

Aug. 2020 – May 2023

TECHNICAL SKILLS

Languages: JavaScript, Python, solidity, cadence, Golang, HTML/CSS

Databases: MongoDB, PineconeDB, DynamoDB

Frameworks: React/Next.js, Node.js

UI Libraries: Tailwind, Ant-design, shadcn, Chakra-UI, Microsoft's FluentUI

Developer Tools: Git, Docker, AWS, Azure, VS Code, langchain, Llamaindex, autogen