

Kailash Choudhary

+91-9325313089 | kailashjat604@gmail.com

linkedin.com/in/kailashchoudhary11 | github.com/kailashchoudhary11 | leetcode.com/kai_11 | kailash-portfolio.vercel.app

EXPERIENCE

Software Engineer

Sep 2024 – Present

314e Corporation (US-based Healthcare Startup)

Bangalore, India

- Building and maintaining **Jeeves**, a training platform for healthcare professionals, focusing on backend reliability and scalability.
- Designed and developed the **ffmpeg-app**, a gRPC-based video processing service built entirely from scratch to handle operations like trimming, annotations, zoom, crop, blur, spotlight, background music, and aspect ratio adjustments; this service now powers all video-related workflows across Jeeves.
- Revamped the asset upload and processing flow by parallelizing audio and video related tasks using Temporal workflows, reducing failures and cutting total processing time by nearly 60%.
- Optimized Docker builds with **distroless images** and cleaned up unused dependencies, reducing image size by around 900MB and improving build speed and security.
- Enhanced the core **FastAPI** backend by refactoring critical endpoints, improving API latency, and integrating asynchronous event notifications via **Novu**.
- **Tech:** Python, FastAPI, gRPC, Temporal, PostgreSQL, Keycloak, FFmpeg, Novu, Docker

Software Engineer Intern

Mar 2024 – Aug 2024

Kalvium

Bangalore, India

- Developed a database assignment platform enabling students to solve SQL queries on live schemas; implemented query validation and auto-grading, reducing mentor evaluation time by 60%.
- Migrated 15GB+ of log data to **Google Cloud Object Storage**, freeing up database space and improving query performance.
- **Tech:** React, Node.js, PostgreSQL, Google Cloud, Docker

Software Developer Intern

Jun 2023 – Feb 2024

KwikReply

Pune, India

- Built a **user management and access control system** for admins, improving internal workflow efficiency and access transparency.
- Created an **automated chat assignment system** using the round-robin algorithm, improving agent response distribution and ticket turnaround.
- **Tech:** Python, Django, Celery, JavaScript, Azure Blob Storage, MySQL

PROJECTS

Repo-Guard | Go, Templ, Tailwind, GitHub API

Jun 2024 – Jul 2024

- Built a Go-based service that connects with GitHub repositories through webhooks to automatically identify and close duplicate issues.
- Added smart commenting to suggest related issues, helping repository maintainers keep discussions organized and reducing repetitive reports.

TECHNICAL SKILLS

Languages: Python, Go, JavaScript, Java

Frameworks: FastAPI, gRPC, Django, React

Tools: PostgreSQL, Docker, Git, Temporal, Keycloak, Novu, Linux, Neovim

EDUCATION

Symbiosis Skills and Professional University

Pune, India

Bachelor of Technology in Computer Science (CGPA: 8.3/10)

Nov 2020 – Jun 2024

ACHIEVEMENTS

- Winner of both online and offline editions of **HackThisFall 2024**; participated in 10+ MLH hackathons.
- Ranked in **Top 10** globally in **HackSquad 2022** and contributed 50+ PRs during **Hacktoberfest 2022**.
- Served as a **GSSoC 2023** contributor (Rank 42) and community expert.