

Mohd Kaif

kaifmohd5000@gmail.com | [+91-9935738010](tel:+91-9935738010) | [GitHub](#) | [LinkedIn](#) | [Leetcode](#) | [Portfolio](#)

Summary

Software Developer with expertise in **Python, PostgreSQL, and TypeScript**, passionate about building scalable backend systems and AI-powered data analysis tools. Experienced in **data visualization (D3.js, Chart.js)**, **automation**, and **web crawling**, with a proven ability to handle large datasets and optimize workflows.

Skills

Programming: Python, TypeScript, Go, JavaScript

Backend & Databases: PostgreSQL, SQL, Node.js, Express.js

Data & AI: Web Scraping, Data Mining, Pandas, Numpy

DevOps & Systems: Linux, Git, Shell Scripting

Education

Dr. A.P.J Abdul Kalam Technical University, Lucknow, Uttar Pradesh, India

2021 - 2025

- Computer Science | CGPA: 7.5

Work Experience

GenVR Research | Software Developer Intern

June 24 - Present

- Designed and developed a fully responsive page for the GenVR Research app.
- Created custom props for a revamped app page using NextJS and TypeScript.
- Built an **AI-powered data processing pipeline** in **Python & PostgreSQL**, optimizing **large-scale structured data retrieval**. Improved **query efficiency by 30%** through advanced **SQL indexing & database optimizations**.
- Tech Stacks: NextJS, TypeScript, Python, Flux 1.0, SDXL, OpenCV, Pillow, Diffusers.

Future Gurukuls | AI Developer and Robo Trainer

April 24 - May 24

- Instructed government school students in programming, robotics, and Arduino under the Ministry of Labour, Uttar Pradesh.
- Developed an AI chatbot using Gemini Flash API, students can ask about programming, robotics, AI etc.
- Tech Stack used : Python, SQL, Arduino(C/C++), Gemini-API.

Projects

Anilyst AI Data Analyzer | [GitHub](#) | [Live Link](#)

- Developed a **scalable data analytics platform** in **Next.js, PostgreSQL, and Python**, handling **large-scale CSV datasets** with **real-time AI insights**. Integrated **D3.js & Chart.js** for **high-performance interactive visualizations**. Leveraged **OpenAI API** for **AI-powered trend prediction** to enhance business intelligence.
- **Developed Interactive Data Visualizations** using **Chart.js / D3.js**, enabling users to explore and analyze trends dynamically with a responsive UI in **Next.js**.
- Implemented AI-Powered Insights & Analytics by integrating OpenAI API to generate smart recommendations, summarize trends, and enhance user decision-making with automated insights.

MediSense AI - A Medical Report and Symptom Analyzer | [GitHub](#) | [Live Link](#)

- ReactJS | ExpressJS | Node.js | Python | Mistral API | Javascript
- Developed an AI-powered **data processing pipeline** using **Python & SQL**, enabling structured medical data extraction and report analysis with 95% accuracy.
- Compared **different artificial intelligence** models and worked on text-extraction, API handling and data manipulation. Achieved an **accuracy of more than 95%**

QuizScribe - A Video Summarizer and Quiz generator | [GitHub](#) | [Live Link](#)

- NextJS | FastAPI | Whisperer | Tailwind CSS | TypeScript
- Build a Youtube **video summarizer and text extractor** – the perfect tool to **condense lengthy video** into **concise summaries**, our bot can also generate summaries for you to test your skills learnt in video.
- Used Whisperer, Gemini Flash 1.0, Python, FastAPI, Next.js and TypeScript also used Figma to create designs.

Achievements

1. **First place** at **HackTheSpace2.0 Hackathon** on of the India's biggest Hackathon Organized by **MLH**.
2. Achieved **3* rating** at HackerRank and solved Over **400+ Coding Questions** on Leetcode and GeeksforGeeks.
3. Attended more than 4+ International Hackathons and SIH 2023 Finalist

Position of Responsibility

- **Google Developer Students Club Web Dev Organizer** : Developed Website for GDG-Bansal using Next.js, Typescript, MongoDB, AceternityUI, Shadcn.