

Lokesh Chauhan

Python Developer

✉ lokeshchauhan058@gmail.com ☎ 8476863792 📍 New, Delhi 🔗 Portfolio

🌐 Lokesh Chauhan 🔄 lokeshchauhan2801

Profile

Experienced Python developer with 1+ years of full-stack experience. Proficient in Python (Django, Flask, FastAPI), MySQL, PostgreSQL, SQLAlchemy. Specialized in building high-performance REST APIs (over 100+ APIs developed with 30% performance improvement), designing efficient database models. Proficient in Python with expertise in data wrangling and optimization techniques. Skilled in using Pandas for cleaning, transforming, and analyzing large datasets to derive meaningful insights.

Skills

Programming language <ul style="list-style-type: none">• Python• JavaScript• C++	Web Frameworks <ul style="list-style-type: none">• Flask• FastAPI• Django Concurrency Techniques <ul style="list-style-type: none">• Multithreading• Multiprocessing• Celery• Asyncio	Database Management <ul style="list-style-type: none">• Mysql• PostgreSQL• ElasticSearch• Redis• SQLAlchemy AWS Service <ul style="list-style-type: none">• S3 Bucket	Front-end Frameworks and Libraries <ul style="list-style-type: none">• Vue.js• ReactJs ETL Tools <ul style="list-style-type: none">• Pandas• Numpy
Version Control <ul style="list-style-type: none">• Git			
Containerization <ul style="list-style-type: none">• Docker			

Professional Experience

NMG Technologies

Python Developer

02/2024 – present

Gurugram, Indian

- **Back-end:**
 - **Performance Improvement:** Highperformance Python Web applications developed using Flask-Restful and FastAPI resulted in a 25% improvement in API responsiveness. Focus on the development and optimization of REST APIs for better responsiveness and scalability.
 - **Efficient Database Transactions:** Implemented database operations sped up with Async SQLAlchemy over FastAPI, dropping by 30% the time for data transactions while ensuring efficient data handling for REST APIs interactions through asynchronous processing.
 - **Enhanced Search:** Integrated ElasticSearch for faster data fetches, which reduced the search time by 70%, thereby improving the overall system performance.
 - **Cloud Integration with AWS:**
 - **Amazon S3 :** leveraged scalable and fault-tolerant storage solutions to handle/save huge data volumes.

Key Achievements & Performance Optimization

Google Ads Automation Service

2024 – 2025

- **Objective:** Optimize the process of downloading and converting Google Ads into marketable content.
- **Implementation:** Developed a service to download Google Ads based on multiple search criteria, automatically converting them into usable banners for marketing campaigns. Bypassed Google bot detection, overcoming a key technical challenge.
- **Impact:**
 - Reduced processing time by 50% by eliminating manual steps.
 - Improved marketing efficiency with ready-to-use, high-quality banner ads.

Automated Data Visualization

2024 – 2024

- **Objective:** Simplify and speed up data reporting processes.
- **Implementation:** Created a service using Python (**Pandas**) to process CSV files and generate pie and bar charts based on multiple filtering criteria.
- **Impact:**
 - Reduced manual effort by 40% by automating data aggregation and visualization.
 - Improved decision-making by providing quick, clear insights from large datasets.

Courses

Python Full-Stack

2023 – 2024

Ducat-India

Delhi, India

Gained expertise in full-stack development with a focus on **Python**. Key areas include:

- **Python:** Mastered core programming, OOP, and efficient coding practices.
- **Django & Flask:** Built web applications and APIs using Django and Flask frameworks.
- **Data Science:** Utilized **NumPy** for numerical computations and **Pandas** for data manipulation.
- **React.js:** Developed interactive UIs with React, focusing on components, state management, and hooks.
- **MySQL:** Proficient in database design and SQL queries.

Education

Master of Computer Science

Chandigarh University

07/2023 – present

Punjab, India

Bachelor of arts

Uttarakhand open university

07/2020 – 07/2023

Uttarakhand, India

Diploma in Electronics and Communication Engineering (ECE)

Govt. Polytechnic , Dwarahat

06/2019 – 06/2022

Uttarakhand, India