ASHAD KHIRA

Senior Python Backend Engineer | Technical Team Lead

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SUMMARY

Senior Python Backend Engineer and Technical Team Lead with nearly 4 years of Python development experience building backend services, web-scraping systems and automation pipelines. Experienced in developing REST APIs with Django, Flask and FastAPI; working with complex and protected data sources; and designing reusable scraping workflows with proxy, retry and concurrency handling.

EXPERIENCE

Technical Team Leader | X-Byte Enterprise Solutions | *Aug 2025 – Present*

- Lead technical design and implementation of Python-based scraping, automation and backend solutions.
- Provide hands-on technical guidance to a small team, including code reviews and implementation guidance.
- Own technical decisions for data-collection pipelines whose workload and throughput vary by project; supported projects have reached 20M+ records per day.
- Drive R&D initiatives to evaluate technologies, resolve complex engineering challenges and improve development workflows.
- Coordinate integrations across external APIs and backend services.

Senior Python Developer | X-Byte Enterprise Solutions | *Jan 2023 – Aug 2025*

- Built and maintained large-scale web-scraping and data-collection systems for complex and protected data sources, including headless-browser workflows.
- Reverse-engineered web requests and data-source behavior to identify reliable data extraction approaches.
- Implemented concurrency, response handling, proxy-management and retry strategies to improve collection reliability.
- Designed standardized and reusable data architectures for scraping workflows.
- Developed REST APIs and backend services using Django, Flask and FastAPI.

Support Executive (MIS) | Specific Step (SSUSPL) | *Feb 2019 – Dec 2022*

- Monitored nationwide recharge transactions and investigated operational issues.
- Prepared daily, weekly and monthly performance reports using Excel, including PivotTables, VLOOKUP and charts.

Customer Care Executive | Aegis Limited | *Jun 2018 – Jan 2019*

- Handled inbound customer queries and provided customer support.

PROJECTS

UniDataHub | Personal Project | Python, Flask, MongoDB, AWS

- Designed and developed a unified data platform that lets users run live scraping jobs and access ready-made datasets.
- Connected the Flask application to scraping services running on AWS, with job tracking through DynamoDB.
- Implemented backend workflows for securely storing and serving scraping results.
- Built a user credit system, including starter credits for new users.

Project: staging-unidatahub.coderaim.com

SKILLS

Programming: Python, JavaScript, SQL

Backend & APIs: Django, Flask, FastAPI, REST APIs, ExpressJS

Web Scraping & Automation: Scrapy, Playwright, Selenium, headless-browser automation, proxy management, concurrency

Databases: MongoDB, MySQL, Oracle, Redis

Cloud & DevOps: AWS (Lambda, S3, DynamoDB, ECR), Docker, Nginx, Gunicorn

Tools: Git, GitLab, Postman, JMeter

Spoken Languages: English, Hindi, Gujarati, Urdu

EDUCATION

Master of Computer Applications (MCA) | Government MCA College, Gujarat Technological University

Jun 2021 – May 2023 | 7.9 CPI, Distinction