

Karan Sharma

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Dhuri, Punjab

Summary

Python Developer with **7+ years of hands-on experience** in building automation tools, intelligent bots, and scalable backend systems. Proven expertise in **web scraping**, **API integration**, and deploying cloud-based applications. Strong understanding of AI/ML concepts with practical exposure to integrating models into real-world applications. Known for delivering high-impact solutions with clean code, collaborative communication, and a result-driven mindset.

Experience

Software Developer and Analyst

Apex Digital • Dubai (Remote)

09/2020 - Present

- Developed and deployed Django-based web apps on **AWS & MongoDB**.
- Integrated ML models into dashboards, improving **data accuracy by 30%**.
- Automated internal workflows using Python (Scripts + APIs), reducing manual effort by **25%**.
- Handled 15+ end-to-end client projects with **98% satisfaction rate**.
- Maintained **CI/CD pipelines** using Git and GitHub Actions.

Freelance Software Developer

Fiverr • (Remote)

02/2018 - Present

- Delivered **50+ Discord bots** (moderation, games, AI, automation) using discord.py.
 - Built Telegram bots, web scrapers, and intelligent scripts for data parsing/reporting.
 - Created full-stack apps using **Django, Flask, FastAPI**, and deployed on AWS/GCP.
 - Integrated APIs like **Telegram, Stripe, OpenAI, and Weather** — enhanced bot capabilities.
 - Served clients across domains like **finance, e-commerce, and entertainment**.
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Technical Proficiency

Programming Languages

Python (Advanced), SQL, Bash/Shell Scripting, HTML, CSS, JavaScript

Frameworks & Libraries

Django, Flask, FastAPI, discord.py, Pandas, NumPy

Databases

MongoDB, PostgreSQL, MySQL, SQLite

Tools & Platforms

Git, GitHub, Docker, REST APIs, Redis, Celery

Cloud Services

AWS (EC2, S3, RDS), Google Cloud (BigQuery, Cloud Functions)

Key Skills & Focus Areas

Automation • Web Scraping • API Integration • Bots (Discord, Telegram, Whatsapp) • ML Integration (Basic to Intermediate) • Scalable Backend Systems • Task Scheduling & CI/CD

Education

Masters of Computer and Applications

Multani Mal Modi • Patiala

Certificates

- *CS50's Web Programming with Python & JS* – Harvard
- *CS50's Introduction to AI with Python* – Harvard
- *Python for Data Science* – IBM
- *Artificial Intelligence Fundamentals* – IBM
- *Digital Forensics* – Open University UK