

Hadi Dadashzadeh

Python Developer — Data Analysis & Automation

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I build working software, not tutorials. In the past few months I've shipped four tested Python tools, each debugged against real files, real APIs, and real edge cases. Currently sharpening my AI engineering skills through a hands-on internship. Looking for remote Python work where I can keep building things people actually use.

Experience

AI Internship — [Hython](#) (In progress · 3 of 6 months)

Hands-on internship applying Python and AI/ML fundamentals to real, team-based projects.

Featured Projects

Resume Analyzer — [Personal project](#)

Scores resume-to-job-description match using TF-IDF + cosine similarity, with skill-gap analysis. Clean OOP architecture, type hints, pytest suite, SQLite history, Dockerized.

GitHub Profile Analyzer — [Personal project](#)

Computes a weighted developer score from any public GitHub profile via its REST API (with rate-limit handling), with matplotlib visualizations, ReportLab PDF export, pytest suite, Dockerized.

Receipt & Expense Analyzer — [Personal project](#)

OCRs receipt photos into a spending report with automatic categorization — fully offline.

WordPress Site Analytics Reporter — [Personal project](#)

CLI tool that connects to any WordPress site via its REST API and generates a content & engagement report.

Invoice Generator CLI — [Personal project](#)

Converts Excel invoice files into styled PDF invoices with automatic total calculation.

AI Daily Planner — [Personal project](#)

Desktop task planner with AI-assisted prioritization using the OpenAI API, built with Tkinter.

Skills

Python Core: Python, OOP, Type Hints, pytest, Git, GitHub, Command Line, JSON

Data & AI/ML (foundational): pandas, NumPy (basic), Data Analysis, EDA, Data Preprocessing, Feature Scaling, Train/Test Split, Linear Regression, Lasso Regression, Model Evaluation (MAE, MSE, RMSE, R²), scikit-learn (basic), TF-IDF & Cosine Similarity, spaCy (basic), Statistical Data Analysis, matplotlib, Web Scraping

Backend & Document Processing: REST APIs, SQL (basic-intermediate), SQLite, Streamlit, pdfplumber, ReportLab, FuzzyWuzzy, OpenAI API, Prompt Engineering, Whisper, MoviePy, Tesseract OCR, Tkinter, WordPress (Elementor, Woodmart, XAMPP; familiar with Django)

DevOps: Docker (basic), Docker Compose (familiar), GitHub Actions (basic), Linux (basic-intermediate)

Languages: Persian (native), English (working proficiency)

Education & Certifications

BSc, Computer Engineering — [Islamic Azad University](#) (In progress)

CS50x — Introduction to Computer Science — [Harvard University](#) (2022)

Python Programming Certificate — [Technical & Vocational Training Organization of Iran](#)

CS50x Puzzle Day 2024 — [Harvard University \(CS50\)](#) (2024)

Docker Fundamentals — [Faradars](#)

Fundamentals of Git with GitHub and GitLab — [Faradars](#)