Armin Daraei

DevOps Engineer | Python Developer

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Summary

DevOps engineer and Python developer with **4+ years** of programming experience, including desktop application development (**Python, CustomTkinter, PyQt**) and delivery of research software for the University of Manchester. Currently focused on **CI/CD pipelines, Git workflows, Linux, and containerization**. Experienced technical instructor with a clear communication style and a fast learning curve.

Skills

DevOps	CI/CD (GitHub Actions) · Docker · Git & GitHub · Linux & Windows CLI · Networking Fundamentals
Development	Python · Bash Scripting · Tkinter / CustomTkinter / PyQt
Other	AI & Prompt Engineering · Technical Training · English (Intermediate)

Experience

DevOps Engineer — Amertka DevOps Yara

Tehran · June 2026 – Present

- Build and maintain **CI/CD pipelines** that automate the build, test, and deployment of applications.
- Manage **Git workflows** (branching, pull requests, code review) and work closely with development teams to release software faster and more reliably.

Python Instructor — Faradars Educational Platform

Tehran · June 2023 – Present

- Created and taught CustomTkinter for Desktop App Development, the first Persian-language course on this library in Iran, including a completion certificate.

Projects

Passive Strategy Assessment Tool (Desktop App)

University of Manchester, UK · June 2024

- Designed and built a Python desktop application for an international research project that helps evaluate and select passive building-energy-optimization strategies using a Multi-Criteria Decision Making (MCDM) methodology.

Risk Assessment Tool for Course Units (Desktop App)

University of Manchester, UK · September 2024

- Designed and built a Python (CustomTkinter) desktop tool for analyzing and evaluating course-unit risk, with a structured UI and custom computational logic.

Education

MSc in Software Engineering — Islamic Azad University

Semnan · 2026 - Present

BSc in Civil Engineering — Semnan University (Public)

Semnan · 2020 – 2025

Certifications

- DevOps Engineering — LpicFarsi.ir
- Python Programming — Maktabkhooneh.org