

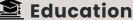
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https://hesamzia.github.io/

🔣 Hesamedin Ziaee Ziabari

Istanbul - Turkey



Bachelor of computer University of TEHRAN 1988-1993

Master of computer Azad University 2012-2016

Courses & Training

- Python Programming (Flask, Pandas) Machine Learning (Regression, Classification, Clustering)
- Database Management (Oracle, MySQL, SQLAlchemy),
- IT Security Fundamentals

$\Omega_{\mathbf{a}}$ skills

- Programming & Scripting:
 Python (Flask, FastAPI, Pandas,
 NumPy, SQLAlchemy), C, C#, PHP,
 Bash
- Databases: Oracle, MySQL, PostgreSQL, SQLite
- Web & APIs: REST API development, Flask/FastAPI, HTML, CSS, JSON, XML
- Tools & Platforms: Git/GitHub, Linux, Docker, Virtualization, Data Center Operations
- Security & Administration: IT security management, system hardening, database security, access control
- Other: Agile/Scrum, Freelance project delivery, Technical documentation

Ax Language

English

HESAMEDIN ZIAEEZIABARI

Programmer

△ Profile

Python developer with hands-on experience in backend development, automation, and data-driven applications. Skilled in Python, SQL, and modern libraries for building efficient and scalable solutions. Active GitHub contributor with freelance projects showcasing API integration, database management, and automation scripts. Previous experience as C/C#/PHP developer and Oracle DBA, later advancing to IT management and security roles. Currently focused on delivering clean, reliable Python code for full-time or freelance projects

🚉 Experience

- Freelance Python Developer Turkey
- Delivered multiple Python projects including web apps, automation scripts, and small datadriven solutions. Built fully functional, structured, and documented applications tailored to client needs.
- Previous IT Roles (Iran)
- Security Manager Oversaw IT security policies, access control, and system hardening across the organization.
- Data Center Manager Managed servers, networking, storage, and virtualization
- Database Administrator (Oracle) Maintained, optimized, and secured enterprise databases.
- Programmer (C, C#, PHP) Developed software solutions for enterprise applications, including custom business tools and automation scripts.

🕸 Some Related Project

Serial No. Verification (Educational - GitHup)

- Tech Stack: Python, Flask, SQLAlchemy, SQLite, HTML/CSS/Bootstrap, JavaScript
- Developed a web and SMS-based application to verify the authenticity of product serial numbers. Implemented Flask Blueprint, Flask-Login for authentication, and SQLAlchemy for database management.
- Built a user-friendly interface with editable tables, profile image storage, and Bootstrap styling. Included detailed comments and documentation for learning and code review.

Implementing Games with Python (Educational -GitHup)

- Tech Stack: Python, Pygame
- Developed a collection of classic games with enhanced mechanics, starting with a
 modified Snake game featuring moving obstacles. Implemented game logic, collision
 detection, and interactive gameplay using Pygame. Focused on creating reusable code
 structure for future game experiments and learning purposes.

Machine Learning with Python (Educational -GitHup)

- Tech Stack: Python, Pandas, Scikit-learn, Regression, Classification, Clustering
- Applied machine learning techniques to real-world datasets, including regression, classification, and clustering tasks. Built predictive models to estimate apartment prices using a dataset of ~4,000 properties, selecting and optimizing the best-performing algorithms. Emphasized data preprocessing, model evaluation, and feature selection to ensure accurate predictions

Patient Management System (Freelance)

- Tech Stack: Python, Flask, MySQL, HTML/CSS, Jinja2, Matplotlib, ReportLab, Flask-Mail
- Developed a web-based application to manage patient records, medical history, insurance, and reporting. Implemented core features including CRUD operations, data visualization, PDF report generation, and email delivery. Delivered a fully structured, documented, and user-friendly application with an admin interface

Scheduled SMS sender in smart home (Freelance -GitHup)

- Tech Stack: Python, Flask, Flask-Login, Flask-SQLAlchemy, HTML/CSS/Bootstrap
- Created a customizable menu system with secure user authentication and session
 management. Built sign-up, login, and profile pages with password hashing and access
 control for protected pages. Structured the application using Flask Blueprints to support
 modular development and reuse.