# ERMIA MOGHADAMY

AI Enhanced Software Engineer,
Data Scientist, DevOps, SysAdmin.

## About Me

I'm **Ermia Moghadamy**. programmer &
Software Engineer & DevOps,
Data Scientist, SysAdmin
Official **TVET** Educator.

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## LANGUAGE

- Persian (Native)
- English (Fluent)

## REWARDS

- **Workskills** Medallion of Excellence in Web Technologies major, 22nd Competitions of IRAN WORLDSKILLS
- 1st country rank in "**Kharazmi**" coding (2022)
- 2nd country rank in "**Pazhoheshsara**" festival (web-pages major) (2023)

## CERTIFICATES

- **TVET** Instructor Permit IDCard.
- Python **TVET** Certificate
- Web Design **TVET** Certificate
- ICDL **TVET** Certificate

## SKILLS SUMMARY

| | |
|---|---|
| **AI Engineering** | **Machine Learning** |
| **System Design & Architechture** | **Project Management** |
| ------------------------------------------------------------------------- | |
| **Python** | **Django,  Flask, FastAPI** |
| **Pytorch / Tensorflow** | **Numpy, Pandas, Matplotlib** |
| **SKLearn / SciPy** | **Selenium, Scappy** |
| ------------------------------------------------------------------------- | |
| **Go, C++** | **Flutter, Riverpod** |
| **Rust** | **HiveDB** |
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| **HTML & CSS & JS** | **TailwindCss** |
| **ReactJs, Nextjs, Redux** | **NestJs, Prisma** |
| **Vuejs, NuxtJs, Pinia** | **Php, Laravel** |
| ------------------------------------------------------------------------- | |
| **Git, CI/CD, Docker, Shell Scripting, DevOps Essentials.** | **Linux & SysAdmin (LPIC-1 and LPIC-2)** |

## EDUCATION

### Sharif University of Tech (SUT)

BS of Applied Math (Industrial Mathematics)

### Organization of Developing Exceptional Talents

Diploma of mathematics-physics at Darolfonoon talented high school

## FOSS PROJECTS

### Focusizer Application

A Free & Open Source localization for "**forest**" app.

**challenges:** foregroundTask along with global state Manager.

**Flutter + Riverpod + HiveDB + FG-Task**

### Math Box

A Box game designed for young students to Learn math's calculation order.

**challenges:** Using limited resources.

**Arduino ~ ESP32 ~ ESP86 ~ Adafruit**

## ACTIVITIES

**Sharif-LUG**

## EXPERIENCES

### Instructor at Nakhostin Academy (TVET) ~current

as official educator of "**Nakhostin**" academy licensed by "**Iran Technical & Vocational Training**" Organization.

**Part-Time, Hybrid**

As "**web design**", "**Python Programming (BASIC, Adv, Framworks)**", "**Linux Essentials**" teacher.

### Fullstack Developer at Hadaf Konkur Ac.

An automated LMS designed for Tracking Students Studies and consultation based on their activities.

**challenges:** complex db redesign on live system.

**Django + Nextjs (& React + Redux) + Boostrap + Sass**

### Web Developer at Gravity Ac.

official website of gravity academy, Online Academy + LMS.

**challenges:** Migrating from old code base.

**Django + DRF + Nuxt**

### Web Developer at Nabla Ac.

An automated School Management system with embeded events management and Online Exam.

In short a mixture of two previous projects.

**challenges:** Simplifying project for financial reasons.

**Laravel + TailwindCss + AlpineJs**

## LINKS

**LinkedIn**

**Github**

**Website**