



ERMIA MOGHADAMY

Architech Fullstack 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

System Design & Architechture

Python

Pytorch / Tensorflow

SKLearn / SciPy

Go, C++

Rust

HTML & CSS & JS

ReactJs, Nextjs, Redux

Vuejs, NuxtJs, Pinia

Git, CI/CD, Docker, Shell

Scripting, DevOps Essentials.

Machine Learning

Project Management

Django, Flask, FastAPI

Numpy, Pandas, Matplotlib

Selenium, Scappy

Flutter, Riverpod

HiveDB

TailwindCss

NestJs, Prisma

Php, Laravel

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 management.

Flutter + Riverpod + HiveDB + FG-Task

Math Box

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

challenges: highly limited resources.

Arduino ~ ESP32 ~ ESP86 ~ Adafruit

ACTIVITIES

Sharif-LUG

Linux User Group at Department of mathematics at SUT.

featuring mutiple events

LINKS



EXPERIENCES

Instructor at Nakhostin Academy (TVET) ~current

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

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) + Bootstrap + 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