

Sina Mehdipoor Omrani

Software Engineer • Computer Hobbyist

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Software Engineer with over 10 years of experience in embedded systems, full-stack development, and AI-driven applications. Proven track record in leading technical teams, optimizing system performance, and driving innovation in software architectures. Passionate about machine learning frameworks and efficient coding practices.


EDUCATION

Master of Science in Artificial Intelligence & Robotics

Babol Noshirvani University of Technology 

2023 - present | Babol, Iran

Bachelor of Science in Computer Software Engineering

Islamic Azad University, South Tehran Branch 

2019 - 2021 | Tehran, Iran

Associate in Computer Software Engineering

Shomal University 

2009 - 2011 | Amol, Iran

PROFESSIONAL EXPERIENCE

Technical Director

NikLink Agency

2023 - 2024 | Tehran, Iran

Embedded Software Engineer

Sabalan Tajhiz

2021 - 2022 | Tehran, Iran

Web Developer

CanSell 

2016 - 2019 | Shiraz, Iran

Research Assistant

Institute for Research in Fundamental Sciences 

2015 - 2016 | Tehran, Iran

Freelance Web Developer

2011 - 2015 | Tehran, Iran

SKILLS

Programming languages

Rust, Python, C++(Arduino/ESP32), PHP, JavaScript

Databases

PostgreSQL, MariaDB/MySQL, SQLite, MongoDB

Tools

Zsh/fish, Coreutils, Git, Neovim

ML/AI

Machine vision, Deep Learning, Predictive Modeling, Statistical Analysis

VOLUNTEER EXPERIENCE

Node.js

Website team member

2016 - 2022 | Iran

The society for defending of street and labor children

Educator

2009 - 2010 | Tehran, Iran

HONORS & AWARDS

2nd place, RoboCup IranOpen

IranOpen Committee

2009

Runner up, Khwarizmi Youth Award (KYA)

Iranian Research Organization for Science and Technology (IROST)

2008