

Sina Mehdipoor Omrani

Software Engineer • Computer Hobbyist

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Software Engineer with more than a decade of expertise in embedded systems, full-stack development, and AI-powered applications. Experienced in team leadership, system optimization, and innovative software design, with a focus on advancing machine learning and efficient coding.


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