



MEHDI MOTAMEDI

SOFTWARE ENGINEER | SOFTWARE ARCHITECT

CONTACT

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- Tehran, Iran

LANGUAGES

- Persian: Native
- English: Advanced

EDUCATION

Associate's Degree in
Software Engineering
Neyshabur Islamic Azad
University
2016 – 2018

SOFT SKILLS

- Software Architecture & Engineering
- Problem Solving & Critical Thinking
- Team Leadership & Agile Development
- Project Analysis & Business Strategy
- Documentation & Quality Control

ACHIEVEMENTS

First Place in Scientific Research
Kharazmi Youth Festival
2011

PROFESSIONAL OVERVIEW

Results-driven Software Engineer, Software Architect, and Team Leader with over 15 years of experience in designing and building scalable, high-performance software solutions. Passionate about system programming, clean code, and software architecture, with expertise in C++, Python, Go, PHP, JavaScript and TypeScript. Skilled in leading cross-functional teams, implementing best engineering practices, and delivering high-quality software across diverse industries.

WORK EXPERIENCE

Senior Software Engineer | System Programmer

Nahanet, Tehran, Iran

February 2024 – Present

- Developed high-performance system software using modern C++ for traffic management and DPI applications
- Designed and implemented hardware-level interfaces for optimized communication
- Worked with Python and Go in various software development domains

Software Architect | Full Stack Software Engineer

Desap, England (Remote)

July 2019 – February 2024

- Designed high-level and mid-level software architectures for scalable applications
- Defined coding standards, documentation practices, and quality control processes
- Developed and maintained large-scale projects with React, Node.js, Nest.js, GraphQL, HTML, CSS, SASS

Full Stack Developer

Khayyam Communication, Neyshaboer, Iran

March 2015 – June 2019

- Built and maintained multiple client-side and server-side applications using React, Vue, Laravel, PHP, HTML, CSS, SASS
- Gained experience in React Native and Unity for mobile and game development

Freelance Developer

Iran (Remote)

March 2010 – March 2015

- Worked on a wide range of projects in web development, mobile applications, and C++ programming
- Created C++ and C# applications for various use cases

TECHNICAL SKILLS

- **Programming Languages:** C++, Python, Go, TypeScript, JavaScript, PHP
- **Web & Backend Development:** Node.js, Nest.js, Laravel, React, Vue, Next.js, HTML, CSS, SASS
- **Databases:** SQL Server, MySQL, PostgreSQL, MongoDB, Redis
- **Software Architecture & Methodologies:** Microservices, SOLID Principles, Design Patterns, Clean Code, CI/CD
- **Cloud & DevOps:** Docker, Kubernetes, Microsoft Azure DevOps, Git, GitLab
- **Testing & Quality Assurance:** Unit Testing, Automated e2e Testing, Code Quality Control
- **Operating Systems & Tools:** Linux, Microsoft Visio, Figma, Trello

KEY PROJECTS

- **Internet Traffic Management & DPI Project (2024):** Designed and developed deep packet inspection software for analyzing and optimizing network traffic
- **Knektu Educational System (2023):** Led the design and development of a scalable API & client application for an online education platform
- **Taha Meetings Management System (2020):** Architected and built a complete API & web platform for corporate meeting management
- **Iran Water Resources Monitoring System (2020):** Developed software for real-time monitoring and management of national water resources
- **Pin Show API & Website (2020):** Designed and implemented a robust backend and frontend system for a content-sharing platform
- **Spray & Life Game (2019):** Developed two engaging games using the Unity game engine
- **Crab Market Stock Trading Platform (2018):** Engineered a financial trading platform for stock market analysis, integrating real-time data and trading tools
- **MahdOnline Childcare & Management System (2017):** Built a comprehensive platform for kindergarten and childcare services with scheduling and reporting features
- **FactorKon Accounting Software (2015):** Designed and developed a web-based accounting system with financial management capabilities

LINKS

My website (Persian): <https://mehdi-motamedi.ir/>

My website (English): <https://mehdi-motamedi.ir/en/home>

Github: <https://github.com/mahdimotamedi/>

Mobile Apps: <https://cafebazaar.ir/developer/tabangraph?l=en>