



Armin Maarefi

Staff Software Engineer

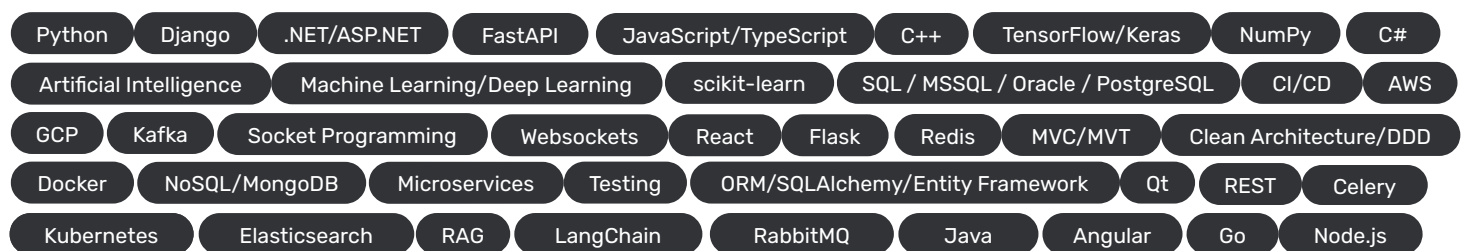
✉ armin.maarefi@gmail.com

☎ +989129302241

📍 Tehran, Iran

Senior Software Engineer with 10+ years of experience building full-stack, high-performance products, combining strong fundamentals in data structures, algorithms, and AI/ML. I specialize in designing scalable system architectures and microservice-based platforms that support real-world growth. My work spans the entire software development lifecycle, from early design and technical planning to deployment, optimization, and long-term maintenance. I'm known for clean engineering practices, fast problem-solving, and driving complex features from concept to production. Highly proficient in multiple programming languages, including Python, JavaScript, C++, C#, and more. Recently, I have been working as a freelancer and developed my own applications such as a messenger and a tool to help diagnose tooth decays using AI.

Skills/Tools



WORK EXPERIENCE

Staff Software Engineer

Volvo Cars – doWhile Consulting
Gothenburg, Sweden

04/2022 – 07/2025

- Developed and improved user-facing applications, APIs, and internal engineering tools for Volvo Cars, working across multiple vehicle domains including ECUs, sensor systems, visualization tools, and infotainment, resulting in more reliable integrations and smoother experience.
- Built and maintained our company's internal software, including testing frameworks, automation utilities, and CI/CD solutions that streamlined workflows and reduced defects.
- Created and refined web interfaces, backend services, and system components using Python, JavaScript, and C++, increasing usability, adoption, and cross-team efficiency.
- Maintained and refactored critical codebases, produced clear technical documentation, and mentored junior engineers on best practices, architecture, and high-quality coding standards.

Senior Software Engineer

Hasin Technology
Tehran, Iran

01/2021 – 10/2021

- Worked on internet banking platforms and BPM systems, delivering new features, improving existing functionality, and ensuring high reliability in production.
- Handled extensive DevOps responsibilities, including deployment automation, environment management, and maintaining stable CI/CD pipelines for continuous delivery.
- Main languages used were Python, C# and JavaScript.

Senior Software Engineer

System Group
Tehran, Iran

04/2020 – 01/2021

- Worked on the company's ERP system, testing, maintaining, and enhancing existing code to ensure stability and robustness.
- Developed new features for the next-generation ERP system, improving customer satisfaction and internal workflows.
- Created a custom JavaScript/TypeScript component library, standardizing UI development and improving developer experience across projects.
- Contributed primarily in C# and JavaScript/TypeScript, collaborating with cross-functional teams to deliver scalable, maintainable solutions.

Senior Software Engineer

04/2019 – 11/2019

Asan Pardakht

Tehran, Iran

- Designed and implemented a CMS application to streamline internal workflows, improving operational efficiency across the organization.
- Led a team of 5 engineers for a short time in developing a sub-application for insurance management within the all-in-one AP platform, enabling users to purchase and manage policies seamlessly, gaining huge number of users.
- Built an internal agent portal for managing client insurance portfolios, enhancing accessibility, accuracy, and overall user experience.
- Developed primarily in C# and JavaScript/TypeScript, overseeing end-to-end development, from architecture and feature design to deployment and team coordination.

Senior Software Engineer

01/2016 – 05/2018

Hasin Technology

Tehran, Iran

- Worked in two teams, initially on internet banking and later on the domestic "Myket" Android market, gaining broad exposure to different domains.
- Developed and maintained internet banking solutions, including existing services and new APIs, ensuring best user experience.
- Engaged in full-stack development, contributing to both frontend and backend components and end-to-end delivery.

Software Engineer

04/2015 – 11/2015

Behineh Pardazesh Pars

Tehran, Iran

- Developed and maintained APIs and user interfaces for telecom services, ensuring reliability, usability, and seamless integration.

Software Engineer

10/2014 – 03/2015

Iran Nara

Tehran, Iran

- Developed and tested banking devices, including ATMs and cheque scanners, ensuring functionality, and compliance with industry standards.

Intern Software Engineer

05/2014 – 09/2014

Farzanehgan

Sanandaj, Iran

- Working on their web user interface, ensuring full functionality. Also, I attended ICDL and programming courses at this institution when I was 12.

EDUCATION

Master's in Information Technology Engineering, Computer Networks

Azad University, Science and Research Branch - Tehran

09/2014 – 09/2017

Bachelor's in Information Technology Engineering

University of Kurdistan - Sanandaj

09/2010 – 09/2014

Certificates

Machine Learning

<https://coursera.org/share/35bda9ab919ea462dfaf8e78ddb06e18>

Links

<https://leetcode.com/u/A1WoUsHaTc/>

<https://github.com/Voodboov>

<https://www.linkedin.com/in/armin-maarefi-ii/>

Publications

A hybrid and multi-factored routing algorithm to improve the efficiency of VANETs

Program Analysis, Statically and Dynamically.