

M. Saeed Mafipour

FULL STACK DEVELOPER · SOFTWARE DEVELOPER · AI DEVELOPER

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📍 Munich, Germany

📅 February 18, 1995 · Age: 30



Profile

Full-Stack Developer (Ph.D. in Engineering) focused on web applications and AI. I develop scalable solutions from frontend to backend to machine learning that efficiently solve real-world problems.

Visit my portfolio at msmafipour.com →

Work Experience

Full-Stack Developer	Development of full-stack applications for controlling robotic systems – with a focus on modern technologies and user-friendly design.	<i>Aiina Robotics, Germany</i> 2023–2024
Research Associate	Development of data-driven software solutions focusing on 3D data processing, interactive applications, and AI-based methods. Created tools for automated model generation and visualization.	<i>Technical University of Munich (TUM), Germany</i> 2020–2023
Frontend Developer	Development of web applications using modern frontend technologies and contribution to backend development.	<i>Webdaran, Iran</i> 2017–2020

Technical Skills

Programming Languages	JavaScript, TypeScript, C#, Python, C++, SQL, LaTeX
Frontend Development	React, Next.js, Tailwind CSS, Styled-Components, HTML, CSS, Sass, Bootstrap, Shadcn/UI
Backend & Databases	ASP.NET, Express.js, gRPC, SignalR, REST API, Entity Framework, Prisma, PostgreSQL, MongoDB
Architecture	Monolithic, Microservices
DevOps	Docker, Kubernetes, CI/CD, Vercel, Netlify
Authentication & Security	OAuth 2.0, OpenID Connect, IdentityServer, ASP.NET Identity, Auth.js (NextAuth)
Tools & Testing	Git, GitHub, Postman, Jest, Cypress, Webpack, Vite, ESLint, Prettier
AI / ML / Data Science	PyTorch, TensorFlow, Scikit-learn, Transformers, Pandas, NumPy, Matplotlib

Education

Technical University of Munich Dr. -Ing. (Ph.D. in Engineering) Research Focus: Development of applications and AI-powered tools for point cloud analysis.	<i>Munich, Germany</i> 2020–2024
University of Tehran M.Sc. Structural Engineering	<i>Tehran, Iran</i> 2017–2020
University of Zanjan B.Sc. Civil Engineering	<i>Zanjan, Iran</i> 2013–2017

Certificates & Awards

2024	Dr.-Ing./Ph.D. in Engineering and Design	<i>TUM</i>
2023	AI - Tensorflow Developer	<i>Google Programing Test</i>
2021	1st place at CV4AEC (Computer Vision in Construction competition)	<i>Online Competition</i>

Languages

German (B2 TELC-General), **English** (C1 TOEFL IBT: 103/120), **Persian**