SEPEHR FAZELI
SOFTWARE ENGINEER

PORTFOLIO

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CONTACT

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SKILLS

●●●● Agile development
●●●● Overcoming Obstacles
●●●○ creating software designs
●●●○ develop automated software tests
●●●○ develop software prototype
●●●○ Time Management
●●○○ analyse software specifications
●●○○ software architecture

●●●●○ TypeScript
●●●●○ ReactJS, NextJs
●●●○○ WebGL
●●●○○ TDD, CI/CD, AWS
●●●○○ ExpressJS
●●○○○ C# (.NET CLI) Go
●●●●● Git

LANGUAGES

English (Proficient)
German (B1)
Persian (Native)

PROFILE

Linux lover, Passionate and dedicated, I have grown significantly in my IT journey over the past few years. Having initially been captivated by web programming and development, I began my career as a front-end developer. Joining a friend's start-up allowed me to gain valuable hands-on experience. Since then, I have advanced my skills at Dassault System, where I developed expertise in React as a front-end developer and also contributed to backend tasks using C# and Go. As I near the completion of my studies, I am now seeking a full-time software development position where I can apply my skills and continue to grow professionally.

WORK EXPERIENCE

Dassault Systèmes
Munich | Nov 2022 – Present
Software Engineer (Working Student)

- Built and maintained UI for internal developer portal (Backstage) as sole frontend owner, ensuring alignment with DevOps workflows.
- Automated deployment of app to AWS staging servers with custom domain for client demos.
- Contributed to backend systems in C#, resolving bugs and implementing features in agile sprints.
- Benchmarked image processing libraries; documented findings adopted by team to refactor legacy code.
- Expanded research into master's thesis, analyzing scalability and performance trade-offs.
- Developed interactive UIs using React, Tailwind CSS, and WebGL.

SUMM AI
Munich | Sep 2022 – Nov 2022
Frontend Developer (Intern)

- Enhanced AI-based application interface in collaboration with UI/UX designer; improved admin panel functionality and usability.
- Developed and maintained front-end using React, Bootstrap, TypeScript, Redux, Cypress, and React unit tests for a responsive user experience.

Deggendorf Institute of Technology
Deggendorf | Jun 2022 – Jun 2022
Python Developer

- As algorithm developer in the software development unit of a Civil engineering project (truss structure) by Finite Element Method.
- Developed an algorithm for calculating the forces created in the structural elements under the loads applied to the nodes

Gport
Frontend Developer

- Developed and implemented software programs using TypeScript, ReactJS, Mobx, and Mobx State Tree; maintained and improved code quality.

- Programmed frontend with React and Redux, integrated APIs, and ensured over 85% code coverage with unit and end-to-end testing.

Axie Land (startup)
Software Engineer

Tehran | Sep 2021 - Nov 2021

- Developed automation script in JS to collect transaction details and data, and created an algorithm to rate and sort NFTs based on their worth and cost-effectiveness in the Axie market.

Self-Employed
Advance programming private tutor

Tehran | Oct 2019 - Nov 2021

- Taught weekly lab classes in C, C++, Java, JavaFX, and algorithm design for real-world application development.

EDUCATION

MS, Computer Science
Deggendorf Institute of Technology

2023 - Mar 2025

- Pursuing a Master's degree in Computer Science at DIT, focusing on software engineering, data analysis, and AI.

- Gaining hands-on experience with advanced technologies through coursework, research, and industry collaborations.

MS, ELEKTRO- UND INFORMATIONSTECHNIK
Deggendorf Institute of Technology

2022

- Accepted in an entering exam in the process of application.

- Advanced programming (Python, UML, Design Pattern, Clean Code, ...)

BS, Electrical and Electronics Engineering
Semnan University

2016 - 2019

- Senior Design Project: Preparation and implementation of 3D holographic file display software

- Professor Assistant: Provided educational materials, held troubleshooting classes, and graded homework for 40+ students, offering constructive feedback.

CERTIFICATE

- Codecademy **Front-End Engineering Career path** Jan 2021
- Codecademy **ExpressJS Certification** Jan 2021

INTERESTS AND HOBBIES

•Coding for daily needs   •Cryptocurrency   •Cooking   •Music/DJ