

HOSEIN SEIFI

Full-Stack Developer | Software Instructor

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Tehran,Iran
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EXPERIENCES

Full-Stack Developer and Frontend Team Lead focused on production software, developer tooling, and intelligent automation. I build AI-assisted tools for codebase generation, project monitoring, and workflow automation, combining generative AI with traditional automation to improve developer productivity.

PR Agent — Open-Source PR Review & Automation Platform

- Built a PR automation platform supporting GitHub, GitLab, Gitea, and Forgejo with rule-based and AI-assisted code reviews.
- Developed a dashboard for tracking reviews and findings, with a focus on security, extensibility, and developer workflow automation.

Aio Learn Academy — Web & Software Instructor — 2026 - PRESENT

- Teach web development and software engineering, including CS50W, with an emphasis on practical modern web development.
- Design interactive coding tools, playgrounds, and hands-on learning resources for students.

Bioarc — Front-end Chapter Lead — 2024 - PRESENT

- Lead frontend development of Healthcare Information Systems (HIS) for hospitals affiliated with Tehran University of Medical Sciences.
- Established a micro-frontend architecture for a large HIS and built a core frontend team.
- Developed shared npm packages and reusable frontend tooling to improve consistency and developer experience across applications.
- Designed and developed an SFU-based online consultation platform supporting video calls, patient queues, messaging, and file sharing.
- Developed healthcare workflows covering electronic prescriptions, medical documentation and reporting, appointment scheduling, and online medical visits.
- Delivered solutions used by institutions including TUMS, IUMS, Shahid Rajaei Cardiovascular Institute, and Noor Eye Hospital.

(IrsaSoft / Processing World) — Front-end Developer — 2022 - 2024

- Developed frontend features for KaraWeb and SelfWeb, business platforms covering HR, restaurant operations, and reporting.
- Built and maintained reusable UI components and data-driven application interfaces.

SKILLS

[languages]: Javascript, Typescript, python, C# . **[libraries and Frameworks]:** Node.js, Express, NestJS, Next.js, Django, React, jQuery, ASP.NET. **[Databases]:** SQL Databases, NoSQL Databases, MongoDB, Redis. **[API & Communication]:** RESTful APIs, GraphQL, WebSocket, Socket.IO, LiveKit. **[Architecture & System Design]:** Microfrontend, Microservices. **[UI Libraries & Styling]:** MUI, Ant Design (AntD), Tailwind CSS.

EDUCATION

Software: 2020-2021 | Tehran Institute of Technology | GPA: 98/100 Electrical engineering: 2020 – 2025 | Science and Research Branch of Islamic Azad University | GPA: 16.78

languages: Persian (Native) • English (Professional Working Proficiency)