Hosna Molavi

Barkarbyvägen 38, Stockholm, Sweden
Telephone: 0739190525
Portfolio: hosnamolavi.com
Email: hosna.m214@gmail.com
LinkedIn: linkedin.com/in/hosnamolavi/

EDUCATION

BSc Information and Communication Technology 08/2022 - 08/2025
Royal Institute Of Technology
Algorithm And Programming in Python 05/2022 - 08/2022
Tehran Institute of Technology Certificate

SKILLS

Languages Persian (*native*), English (*native*, IELTS 7.5), Swedish (*intermediate*)

- **Programming Languages:** Java, Python, C, C++, C#, SQL, Elixir, Erlang, Swift, MIPS Assembly, TypeScript, JavaScript

- **Frontend:** React, React Native, React XR, Vue.js, Next.js, Three.js, Tailwind CSS, HTML5, CSS3, Figma, UX/UI Design, Playwright, Redux

- **Backend & APIs:** Node.js, Express, GraphQL, REST APIs, Docker, AWS, CI/CD, PostgreSQL, Sequelize, Mysql, Firebase, Payload CMS, jest

- **Tools & Frameworks:** Spring-boot, .NET, Git/GitHub, Webpack, Vite, Visual Studio, IntelliJ, Xcode, Cloudflare

- **Other:** Agile, Scrum, LaTeX

EXPERIENCE

Cloud Developer, Ericsson Stockholm, Sweden 01/2026 - present

- Rotated within cloud product teams, onboarding by analyzing system architecture and technical documentation, and contributing to small development and verification tasks in Erlang-based systems.
- Worked in Linux environments to understand distributed cloud software, APIs, and integration flows, collaborating with senior engineers across containerized and virtualized platforms.

Student Ambassador, KTH Stockholm, Sweden 02/2025 - present

- Collaborated as part of a team of student ambassadors to engage with newly admitted students through one-on-one and group meetings.
- Answered questions regarding academics, campus resources, cultural adjustment, and daily life as a student.

Teaching assistant, Programming I Stockholm, Sweden 10/2024 - 12/2024

- Provided guidance to students on Java programming assignments as part of an introductory Programming I course, covering fundamental concepts and basic data structures.

PROJECTS

FitAtlas, Live Website 04/2025

- Developed a comprehensive fitness application featuring 1,000+ exercises with advanced filtering by categories and muscle groups, integrated with YouTube API for exercise demonstration videos and Rapid-API for comprehensive exercise data.

- Built using React.js with modern hooks, Material-UI v5 components, and deployed on Vercel with optimized performance

Full Stack Open, GitHub Repository   07/2025

- **Developed modern web applications** with React for the frontend and Node.js/Express for the back-end, including RESTful APIs and GraphQL integration.
- **Implemented advanced features** such as authentication, state management, testing, TypeScript, and mobile development with React Native.
- **Gained experience with deployment workflows** using Docker, CI/CD pipelines, and relational databases for full-stack application hosting.

Web XR Ad-Extractor, GitHub Repository   04/2025

- For my degree thesis project, we investigated how presenting webpage advertisements in real-space AR affects user focus and ad retention.
- Developed a prototype that dynamically extracts ads from webpages and renders them in 3D around the main content using Three.js, React, ReactXR, and React Three Fiber.

Popcorn Website, Live Website   12/2024

- Built a React web app allowing users to browse trending movies, search titles, manage a personal watchlist, and submit reviews. Implemented dynamic search, watchlist synchronization with Firebase, and authentication-based interactions for personalized user experiences.

EXTRA CURRICULAR ACTIVITIES

Reception Organizer at Chapter of Information and nanotechnology   05/2023 - 09/2023
KTH, Stockholm

- I helped organize the reception for the newly admitted students at KTH, Kista for the Information and Nanotechnology Chapter.