

# Amirhossein Esmaeili

## Frontend Software Engineer

Front-end engineer with 7+ years of experience and a lifelong passion for technology. Passionate about cutting-edge technologies like WebGPU and edge functions to build high-performance, and scalable web applications.

## WORK EXPERIENCE

### Frontend Software Engineer

February 2023 - October 2023

*The Brink Agency, Amsterdam*

- Drove significant engagement through contributions to an award-winning website that garnered **more than 160 votes** and received high praise with an overall score of **8/10 from Awwwards**.
- Implemented a **page builder** for Evidos that simplified content creation, resulting in a **180% traffic increase** for Signhost.
- Collaborated on an E-commerce and E-finder platform for Koni integrated with SAP generating **\$190.000** in sales across **1200** products in 2023.
- Led efforts and worked alongside **cross-functional teams** to build accessible 3D configurators with **i18n and RTL support**, while effectively **communicating** complex **technical details** to **non-technical stakeholders**.

### Frontend Developer

January 2021 - August 2022

*NavaaCo, Tehran*

- Engineered Imen Gostar **IOT** admin panel, integrating **200+** connected fire modules on a centralized map for real-time monitoring capabilities.
- **Automated** invoice processing for **3000+** products using **NodeJS** and **ElectronJS**, streamlining financial operations and eliminating manual workload.

### Frontend Web Developer

October 2019 - July 2021

*Afrang, Tehran*

- Streamlined cross-functional **collaboration** and tackled complex challenges, enhancing user experiences with robust testing (**Jest, Cypress**).
- Partnered with designers and developers to accelerate project timelines, aligning objectives and improving **team efficiency**.

### Frontend Web Developer

January 2019 - September 2019

*Stylett, Tehran*

- Developed a **marketplace** and an **admin panel** enabling vendors to sell products with full **customization** capabilities through twelve 2D and 3D **configurators**, supporting over **100 products**.

### Junior Frontend Developer

February 2016 - November 2018

*University of Mazandaran (Roshd)*

- Delivered two mobile applications and two websites of **3 different startups** for the university.
- Experienced an **agile** environment and a better understanding of **Scrum**.

## EDUCATION

### Master of Science - Advanced Computer Science

October 2024

University of Chester, UK

### Bachelor of Engineering, Computer Software Engineering

October 2022

Azad University, Tehran

### Associate of Science - Computer Engineering

October 2020

University of Science and Culture, Tehran

## CONTACT

Chester, UK (open to relocation)

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- <https://amirhossein-esmaeili.com/>
- <https://www.github.com/amirhh00>

## SKILLS

HTML & CSS

JavaScript

Typescript

React

Next.js

Svelte

Flutter

Vue.js

Redux

Tailwindcss

Three.js

Webgl

Scss

Git

Cypress

Puppeteer

Jest

Storybook

Gatsby.js

React-native

Data visualization

D3.js

Electron

Webpack

vite

Node.js

Socket.io

Websockets

GraphQL

Shopify Storefront

Figma

SQL

NoSQL

Docker

AzureDevOps

Azure functions

Cloudflare Workers

WebGPU

WebAssembly

WebRTC

## LICENSES & CERTIFICATIONS

### Certified Internet Webmaster (CIW)

(2013 - 2015)

Tehran Institute of Technology