

Amirhossein Esmaeili

3D Software Developer

3D Developer with **7+ years** of experience and a lifelong passion for technology. Passionate about **cutting-edge** technologies like WebGPU to build high-performance, and visually stunning applications.

WORK EXPERIENCE

Frontend 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** while mentoring junior developers.
- 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

Styllett, 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), Babolsar

- Delivered two mobile applications and two websites for **3 different startups** for the university, including **e-commerce** websites using **WordPress CMS**.
- Experienced an **agile** environment and a better understanding of **Scrum**.

EDUCATION

Master of Science - Advanced Computer Science

October 2023 - October 2024

University of Chester, UK

Bachelor of Engineering, Software Engineering

February 2020 - October 2022

Azad University, Tehran

Associate of Science - Computer Engineering

Febraury 2018 - October 2022

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

Three.js

Webgl

WebGPU

React Three Fiber

Blender

React Native

Node.js

Puppeteer

Jest

playwright

Sentry

Electron

Next.js

Strapi

vite (plugin)

Svelte

Vue.js

Tailwindcss

Flutter

Redux

Github Actions

C#

dotnet core

OpenAI

Cypress

python

GraphQL

Shopify

Azure

Wordpress

E-commerce

Docker

Webpack

Socket.io

Figma

Material UI

Websockets

MongoDB

WebRTC

WebAssembly

LICENSES & CERTIFICATIONS

[Certified Internet Webmaster \(CIW\)](#),
Tehran Institute of Technology, (2015)