

# Hello world

## My name is Eugen Yzeiri

Software Developer

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### Experience

#### Senior Frontend Developer DealCircle GMBH

03/2022 - Present Hamburg, Germany

*Digital M&A solution connecting corporate finance advisors with investors*

- Developed and maintained complex React and TypeScript applications, featuring large data grids, sophisticated data manipulation, and highly-responsive UIs designed to emulate native experiences
- Played a key role in platform migration from Laravel to Next.js, facilitating server-side rendering (SSR) support, transitioning from a monolithic to microservices architecture, and enhancing the overall development experience

#### Software and Web Developer Ritech Solutions

10/2017 - Present Tirana, Albania

*Offshore development teams for different software solutions.*

- Successfully completed a software application project with complex client-side business logic, targeting e-discovery/legal processes and teams in the USA. Optimized data fetching and created heavy, complex visualizations for KPIs and other features using Vue and Electron (web and on-premise solutions). Ensured code quality with Unit and E2E tests and utilized Docker, AWS, and Microsoft Azure for infrastructure and build pipelines.
- Currently contributing as a frontend developer to a large, scaled-up project focused on a smart office app that enables users to manage and interact with intelligent office spaces. Employing Vue, Django, and hybrid mobile development with Cordova to create seamless user experiences across platforms and devices

#### Front end lead developer Seraphic Algorithms Ltd.

08/2020 - 03/2022 Tel Aviv, Israel

*Software development company, focused on cyber security solutions.*

- Develop web apps and a browser extension targeting web browser security, providing a seamless and user-friendly experience with React and TypeScript
- Integrate AWS services (mainly Cognito) for a multi-tier authentication, and custom-built APIs based in Node.js
- Main concerns of the frontend featured complex tabular and chart visualizations tailored to the enterprise browsing space, with an emphasis on privacy and security for the User

#### Lead Web Developer StoreWise

08/2019 - 05/2020

*Decentralized object-storage.*

- Develop serverless client-side services, based on React, TypeScript and AWS.
- Integrate with Sia dApp platform and micro services built with AWS Lambda.
- Lead UX/UI design decisions for every web service available in the platform.

#### Front end developer MiQ Ltd.

02/2017 - 10/2017 Hong Kong

*A startup focused on music, providing a playlist-first experience, built on top of the Spotify API (previously: Mixab.ly, now discontinued).*

- Develop a web platform for the existing iOS app, using Vue and leveraging a GoLang API.
- Integrate with Spotify directly and optimize render times and User Experience.

- Increase Unit Test coverage and help with E2E tests.

### **Front end developer** Boardabout.com

02/2016 - 05/2016 Nyon, Switzerland

*A startup for renting boats and organizing sailing trips throughout Europe, represented by a web platform.*

- Refactor front end legacy libraries.
- Improve User Experience and Interfaces in the "Ordering" and "Booking" pages.
- Integrate some A/B testing.

## Education

### **BsC** Computer Science

University of Geneva 09/2013 - 02/2017

## Languages

**Albanian** Native

**English** Native or Bilingual Proficiency

**French** Native or Bilingual Proficiency

**Italian** Limited Working Proficiency

## Projects

### **Amazon Conqueror** Software Development

06/2020 - 09/2020 Freelance Project

- Developed a web-based platform, leveraging the AWS MarketPlace API, in order to provide a better, more intrinsic view of vendors, orders, inventories, etc. - As the sole developer of the project (freelance), I built the API in Node.js, integrating and caching the data from MarketPlace API regularly to a MongoDB instance and User-set clusters, and also built the frontend app in React to consume the data and visualize for Users and Vendors
- Built a multi-tier authentication layer, with the help of AWS Cognito (multiple vendors with their own users)
- Dockerized the whole system in order to make it available on-premise for the clients and vendors: any vendor can purchase the system, deploy it in their web servers and seamlessly integrate with their AWS MarketPlace account by only setting up their private keys

### **Fac3d.xyz** Software development

2020 Personal project

*A personal (pet) project, where any user can add a picture with a face in it, and in a few seconds generate a very accurate 3D depiction of that face.*

- Used an open-sourced machine learning model (DECA: Detailed Expression Capture and Animation), built the front end as a Progressive Web Application and developed a simple Python API (using Flask and gunicorn) to "inference" the model securely with the User data.
- Integrated Firebase and Netlify for deployments, databases and authentication, providing a minimal but blazing fast architecture. Project available at <https://fac3d.xyz> and on Github (private repo)

### **Using Recurrent Neural Networks on Forecasting Energy Prices** Research

01/2017 Academic

- Paper on comparing and optimizing different approaches and techniques for the Energy Stock Market.
- A detailed look on recurrent multi-layered neural networks, with tests built with MatLab and the Tensorflow library.
- In collaboration with an Economics and Business student from the American University of Bulgaria.