

## Experience

Apr 2022 - present

- **Full Stack Engineer** Typescript React Native Python Django Expo Docker Firebase Jest Figma

Founder @ *Pseudoface*

- Single-handedly built a generative AI mobile app (iOS & Android) that organically grew to **300 users and 100€ MRR in 2 weeks from launch**.

Sep 2022 - May 2023 (10 mos)

- **Full Stack Engineer** Typescript React Native NodeJS Tailwind Expo Firebase Figma

Contract @ *WriterDuet*

- Implemented the **Security & Permissions system** to allow for fully private collaboration of up to **1000 users per document**.
- Designed and built menu for users to select multiple user profiles per document and globally across the app.
- Implemented **Search functionality capable of returning results in <2 seconds** across thousands of user uploaded documents.
- Implemented **Invite & Referral system** for users to invite other users for collaboration on their documents.
- Designed and implemented multiple complex features: search, in-app notifications and real-time updates from database across the app.
- Merged and revived an abandoned, 3 year old feature branch.

Apr 2022 - Sep 2022 (6 mos)

- **Technical Product Lead** Typescript React NodeJS MongoDB AWS GraphQL Figma

Contract @ *Axion*

- Revamped product development process to become Agile (1-week sprints using Jira) and **trained junior product managers** in best practices.
- **Managed the transition from 10 customer-specific products to 1 highly scalable, unified architecture using MongoDB.**
- Created UX & UI prototypes using Figma for development and demonstration purposes.

May 2019 - Apr 2022 (3 yrs)

- **Technical Product Lead** Typescript React NodeJS Python Django Firebase Expo GraphQL Java AWS

Full-time @ *ElectronRx*

- Owned product lifecycle from idea to product-market fit and clinical pilots (in 2 different products) by managing cross-functional teams.
- Acted as bridge between sales people, engineers and data scientists by managing product roadmaps and 2-week Agile sprints.
- Managed a B2C Digital Health product to organic user acquisition of **100 users/week** and **weekly retention rate of 19.13%** users.
- **Improved user experience to a 20x jump in user retention** by interpreting behavioural analytics and re-designing the UI.
- Managed a B2B2C medical API (Class IIa Software as a Medical Device) product **from MVP to clinical pilots** in hospitals in UK & US.

## Full-Stack Engineer

- Built a cross-platform app (Android, iOS & Web) that was used for clinical data collection by **more than 2k patients and 12 different healthcare institutions**, hospitals and pharmaceutical companies.
- Developed a **native (Java) algorithm for real-time assessment of cardiovascular health** using the smartphone's sensors and camera.
- Built a web-app using React and a REST API to allow Notion users to track their health data directly in Notion,
- Contributed to development and training of a machine learning model to extract readings from blood pressure cuff photos.

Feb 2017 - Sep 2019 (2 yrs)

- **Product Manager / Developer** Javascript React Native NodeJS AWS Jest

Contract @ *JRC European Commission*

- **Implemented AWS infrastructure** capable of handling uploads from 100k concurrent users.
- **Built an SMS system for emergency authorities** to deploy the app to citizens.
- **Built API for real-time data from VIIRS and MODIS satellites** to add info on active wildfires.

Sep 2015 - Feb 2017 (1 yr 6 mos)

- **Full-stack Engineer** Javascript React Python Django Firebase Unity

Full-time @ *Deusens*

- **Built 6 different VR/AR cross-platform apps.** Successfully scaled to **10,000+ concurrent users** with Firebase.

## Projects

- **Pseudoface** | Generative AI mobile app that creates face filters to protect the real identity of faceless creators.
- **Autocompress** | Atlassian Marketplace app that compresses images in a Git repository
- **GitHall** | GitHub Marketplace app to share issue tracker and discussions from private repositories.
- **Crowdwall** | SMS system for firefighters to alert citizens during wildfire emergencies.
- **Root** | App integrated with Notion API to allow users to track and visualize complex data in Notion.

## Education

- **(MOOC) 18.01x Single Variable Calculus**  
MITx | 2021
- **(MOOC) 2.96 Management in Engineering**  
MITx | 2020
- **(MOOC) 6.00.1x Computer Science & Python**  
MITx | 2014-2015
- **B.A., Film Production**  
San Jorge University of Zaragoza, Spain | 2012-2016