

# ALEX IMRE

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Passionate frontend engineer who found his true calling having pivoted out of seven years in management consulting (financial services).

## Key skills

Typescript, Javascript, React, Redux, RTK Query, AG Grid, MUI, Git, Docker, Communication

## DEVELOPMENT EXPERIENCE

### Frontend Software Developer, [Amius \(Fintech\)](#)

Jul 2023 – Present

#### Feature Development

- Designed & built a trade management tool. Key features included:
  - A fast, responsive re-usable grid to handle 1000s of trades, with **real-time updates** via **WebSockets**.
  - Improving **UI/UX** of workflows for common trade lifecycle events, reducing complexity of operations and improving trader & operations efficiency of managing trades.
  - Large complex and interdependent **forms**.
  - Set up **CI/CD** via **GitLab pipelines**, with Microservices deploying on **Docker** to automatically capture backend API updates.
- Designed & built UI for portfolio management tool with multi-step, message-queue based trade execution flow, with real-time updates. State Management with **Redux**, query and caching with **RTK Query**.
- **Led feature development** on a pricing tool, liaising with the sales team to gather requirements, allowing them to save & share combinations of financial products, allowing for faster quoting to clients.
- Building out **React** re-useable component library in **TypeScript** to support application development.
- Contributions to backend **C#**, **ASP.NET RESTful** web services.

#### Team Contributions

- Improved frontend team developer velocity and developer experience with incremental upgrades to architecture of the frontend repo:
  - Modularisation of apps, packages and shared library code.
  - Building out **mono-repo**, organising microservices API code-gen into repo.
  - Improving Typescript performance, analysing trace files, identifying & remediating hot spots leading to significantly reduced time spent type checking.
- Reduced over-reliance on the frontend team as pseudo-QA team by setting up user profiles with appropriate permissions & roles in staging environment achieving improved testing as part of release-cycle.

### Internship, [Leadsie \(SaaS\)](#)

Dec 2022 – Mar 2023

- Developed new front-end features built with **TypeScript** and **Bootstrap**. These included adding deep links for Facebook and Google assets, adding ability to load images and enhancing integration of a chat-bot.
- Improved test coverage with **unit tests** for new features and enhancing existing tests in **Jest**, including mocking third party libraries.
- Improved codebase extensibility and readability, with converting class components to functional components, replacing prop drilling with **React's Context API** and migrating **JavaScript** files to **Typescript**.

## Personal Projects

Helping entrepreneurs build MVPs, tinkering with side projects and self-teaching fundamentals. Additional skills picked up along the way include: **Python**, **MongoDB**, **PSQL**, **Next.JS**, **Tailwind CSS**, **TanStack Query**.

## CONSULTING EXPERIENCE

### Manager, [Accenture \(Financial services\)](#)

2015 - 2022

- Track record of leading the delivery of complex regulatory change projects on target and within budget, becoming a company lead/SME on financial regulation. Strong **stakeholder management and communication** skills, presenting at **Board** and **executive level committees**.
- Working with cross industry collaboration groups and regulators to define approach to new UK regulations.
- Line management, setting and reviewing performance objectives, and mentoring of junior consultants.

## EDUCATION

### Physics Bsc (Hons) 2:1, University of London - Royal Holloway

2011 - 2014

- Relevant to programming: Built a ray tracer using **C++** and **python** for lab and data related work.