


Eliot Austin-Forbes

Software Engineer

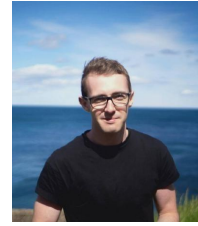
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experienced | JS, TS, react, next, apollo, graphql, express, flow, node, html, css, sass, jest, wsl2
used | dart, flutter, mongo, python, java, scala, aws, heroku, vue, sql

Projects

Zenport <https://www.zenport.io/>

Supply Chain Management Web App (react, next, TS, flow, apollo, graphql, gcp)

A web application reimaging supply chain data via an interactive SAAS product.

- Pioneered legacy code migration into a cleaner and leaner monorepo architecture reducing the frontend codebase by over 45%. Subsequently asked to become the frontend lead.
- Optimised CI/CD pipeline by redesigning source control workflows and integrating scrum software APIs with Slack and GCP.
- Championed an overhaul of the type management system to generate Flow and TS typings from graphql schema, wrote supplementary plugins to [graphql-codegen](#) to deal with the company's specific use-case.

2022 - 23



Liberty <https://www.liberty-hjc.com/>

3D Trade Show Website (node, react, dedicated server)

A website serving as a portal to a business-facing online 3D exhibition MMO game, complete with various social media capabilities, customer service integration, game file editor, and more.

- Sole responsibility for the entire site/stack.
- Technologies Used: JS, react, node, html, css, jest, joi, mongo, ssl, git, npm.
- Highlights include:
 - A chat system with email notifications and file embedding.
 - A dynamic svg editor for game admins to manipulate an in-game map in real-time.
 - A news feed with a WYSIWYG text editor including locale support etc.

2021 - 22



skillTrain github.com/skilltrain/skilltrain-app · play.google.com/store/apps/details?id=com.skillTrain.skillTrain

Mobile Based Fitness Coaching (Dart, Flutter, AWS)

A mobile based full-stack application with an inhouse booking system alongside real time video and text chat for fitness

- In-depth authentication system in Dart with connection to AWS Cognito via Amplify.
- Completed integration of a payment API (Stripe) with full signups, payments, and payouts deployed to AWS. Payments through Android native pay, iOS native pay, or an in-app window.
- Demonstration (YouTube):
 - [Introduction](#)
 - [Demo](#)

Jan 2021



Previous Employment and Experience

Zenport Inc (JP), Frontend Engineer

- Part of a small and highly international development team (< 10 people) at a startup.
- Oversaw majority of frontend work (see above).

Jan 2022 - Present

Elastic LLC (JP), Software Engineer

- Responsible for a website complimenting an online virtual trade show (see above).
- Some coordination with other engineers located in China and the US.

Feb - Nov 2022

Tokyo Academics (JP), Academic Tutor

- Worked as an academic tutor in central Tokyo.
- Tutored students through AP subjects with successful admissions into Harvard, MIT, Cambridge, etc.
- Taught basic mathematics and chemistry on a daily basis.

2018 - 20

RB (UK), Pharmaceutical R&D Analyst

- Worked as an analytical chemist on Strepsils at RB, HPLC + GC.

2015 - 16

Education

University of St. Andrews, Scotland

PhD (Doctor of Philosophy in Chemistry)

→ Microporous Solids

2017 - 18
(incomplete)

Masters (Master of Chemistry with Industrial Experience)

→ Electrochemical Fluoridation of Organic Substrates

2013 - 17

Hills Road College, Cambridge

A-Levels

→ Bio - [A], Chem - [A], Math (Statistics) - [A], Psych - [a], Academic Research [a]

2011 - 12

Language

- English - Native
- Japanese - Conversational

Interests

I have a passion for technology and a quick analytical mind ready for a new opportunity. In my spare time I enjoy badminton and playing the guitar. I also have an N2 (日本語能力試験) certificate with an A/B grade.