

Eliot Austin-Forbes

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Education

CODE CHRYSALIS

FullStack Immersive (12 weeks full time)

Tokyo, JP

Jan 2021

UNIVERSITY OF ST ANDREWS

DPhil · Microporous Solids (dropout)

MSc · Master of Chemistry with Industrial Experience

Dean's List · Year 2015, Year 2016

Scotland, UK

Feb 2018

May 2017

HILLS ROAD COLLEGE

A-Levels · AAAaa

Cambridge, UK

June 2012

Experience

ZENPORT </> (B2B SaaS | SCM)

Software Engineer, Vice President of Engineering

Frontend (below) | Golang | Scala, Sangria | PHP, Symfony, Doctrine | GraphQL, Elasticsearch, RabbitMQ
Postgres, Redis | Docker, GKE

Tokyo, JP

Apr 2023 - Present

- Handled iteration and maintenance of go-lang services interfaced by a GraphQL API (Scala) to a legacy master service (PHP) .
- Redesigned RabbitMQ message generation from database lifecycles in Symfony/Doctrine PHP project.
- Roadmapped intelligent mapping by LLM for optimization of data-integration projects (AirFlow, Python).

Frontend Engineer

TypeScript, Flow, React, | Apollo GraphQL, Apollo Codegen | Babel, ESLint | Next, CRA | WebPack, Firebase

Jan 2022 - Apr 2023

- Cut codebase volume by 45% by migrating separate Flow and Typescript projects to a unified monorepo stack using Yarn workspaces. </>
- Reduced build time by ~50% by migrating CI/CD pipeline from Google's Cloud Build to GitHub actions.
- Implemented a generic auto-update strategy with cache-busting using Firebase realtime databases and service worker registration.

ELASTIC LLC </> (E-commerce)

Software Engineer (frontend focus)

React | Node.js, MongoDB, Mongoose

Kanagawa, JP

Jan 2021 - Oct 2021

- Added server-side validation with Mongoose ODM

TOKYO ACADEMICS </> (private education)

Academic Tutor

Tokyo, JP

Oct 2018 - Sept 2020

- Tutoring high school to university level chemistry, high school mathematics and SAT.

Personal Projects

SNAI </> (SNS for Business) (independent)

T3 (Prisma, NextAuth.js, Postgres, Supabase)

SkillTrain (Teaching Platform) (team)

Flutter, AWS Amplify

Certifications

Effective Programming in Scala · EPFL
Japanese Language Proficiency Test N2 · MEXT

Skills & Interests

Technical: JavaScript, TypeScript, Node.js, Flow, React, Firebase, CRA, Next, Babel, WebPack, NextAuth.js, Sass, Tailwind, Emotion, TanStack, SWR, Apollo GraphQL, Sangria, GCP, GKE, Symfony, Doctrine, Postgres

Language: English (native), Japanese (limited)

Personal: Fitness, video games, music, code lessons by Robert C Martin “Uncle Bob”