

## PROFILE

A Full Stack JavaScript Developer with experience developing mobile and web applications with back-end systems developed on NodeJS. I also work with both relational and NoSQL database systems. My experience outside software development circles includes building and investing in high growth businesses in the energy, healthcare and retail sectors.

**Skills:** React, React-Native, Angular, TypeScript, SASS, Express, Docker, JEST, MochaJS, SQL, NoSQL

## TECHNICAL EXPERIENCE

### Founder, Full Stack Developer, IndieClass

(Aug 2020)

- > **Profile:** A platform for the creation of classes by independent instructors for general users to register for
- > Created the server and initial set up the relational database controllers using Express and a Sequelize ORM
- > Developed the user journey for exploring and registering to classes based off AuthO authentication data on React-Native
- > Set up a full Redux framework for state management and front-end API Endpoint management
- > Worked in a team of 3 to develop the user journey, interface and styling across the application

### Founder, Feedbackr Assessment

(Jul 2020 - Current)

- > **Profile:** An open source project I founded to help teachers create and distribute assignments online
- > Developed a server and database to hold all assignment data using Express with NodeJS and MongoDB with Mongoose to set up a NoSQL database
- > Developed the Front End in React with features including preview of assignments created and auto-grading of assignments
- > Designed the user interface and colour profile of the application

### Full Stack Developer, DreamTrip

(Aug 2020 - Current)

- > **Profile:** An application designed for vacation planning and itinerary creation
- > Refactored the application for stability using functional programming methods
- > Built snapshot and functional testing scripts using JEST to perform unit tests on key front-end functionality
- > Set up Nodemailer scripts and HTML email templates using Handlebars to send out itinerary information

### Product Design Engineer, Novek Ventures

(Aug 2019 - Nov 2019)

- > **Profile:** A company working on mass market distribution via automated dispensing machines in Kenya
- > Worked on mechanical design and control automation and firmware planning to build a new grain distribution product to be deployed in low income areas across Kenya

## COMMERCIAL EXPERIENCE

### Head of Business Development, Goodlife Pharmacy, Kenya (Nairobi, Kenya)

(May 2017 – Feb 2020)

- > **Profile:** Goodlife Pharmacy is the fastest growing and largest retail pharmacy chain in East Africa with 62 branches.
- > **Project Management:** I improved capital allocation by 79% while dropping project deployment time by 43%. This resulted in the opening of 15 new sites in H2 2018 alone.
- > **Business Development:** I opened 23 branches over 18 months, directly increasing daily revenue by 47%. My role included feasibility studies, financial modelling, negotiation of terms, and fitting out of these spaces.
- > **Acquisitions:** I orchestrated 7 acquisitions, improving operational cashflow while eliminating key competitors.

## EDUCATION

Web Development Immersive - Codeworks Barcelona (Remote) (June 2020 – Sep 2020)

MEng, Mechanical Engineering - Imperial College London (Oct 2010 - Jun 2014)