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Profile

A backend software engineer looking for a new challenge. In my short career, I have progressed quickly. During my time at Smart Pension, I was given lots of different opportunities and challenges and I rose to meet them everytime. I am confident that I can take on more demanding roles at my next company.

I have worked extensively in Ruby, and I am now interested in moving to new languages, ideally Go. In my spare time, I contribute to open source projects in Go.

Experience

Boxt

Software Engineer (May 2023 - Present)

- As part of a team of backend, frontend, mobile engineers and design, I worked on implementing push notifications, solving bugs.
- I helped another team to migrate from Chewy to Searchkick.
- I also picked up a couple of small front end tickets in order to gain a new skill and help my team migrate legacy rails code to next.js

Smart Pension

While at Smart Pension, I have been rotated through several teams, each bringing new challenges and technologies. As I have progressed in my learning, I have also worked ad-hoc to support Principles and Architects, as well as lead and design one-off initiatives for other teams and projects. As a Senior, mentoring and leading by example is a large part of my role, and I am always keen to pair with colleagues and document processes so that everyone is brought up to speed.

Junior Software Engineer (Feb 2019 - Jan 2020)

Team 1

As part of my first team, I've helped build features. I did a lot of code reviews to learn from others and get myself acquainted with the new codebase. Shortly after joining, I led a new feature from design to production which involved writing up tech design documents, breaking it down into tickets and leading refinement sessions.

Software Engineer (Jan 2020 - Aug 2021)

Team 2

This team was formed by joining my first team and another team to deliver a big feature with a deadline. I was responsible for prioritising the order of work, and separating essential from “could be done later”. I assumed the lead on a key piece of the design and implementation, and saw it through into production. My other overarching goal was to ensure we met our deadline without introducing excessive technical debt.

Side Project 1: Architecture

I wanted more exposure to design and architectural practices. I spoke to the head of the architectural team and offered to pick up any work for them. They asked me to write an architectural document for implementing a maintenance page using cloudflare, S3 and terraform. I was then invited to join the Architecture team, but declined as I had also been requested by another team which also presented an interesting learning opportunity.

Skills learned: *writing architecture documents, cloudflare, S3 and Terraform.*

Senior Software Engineer (Aug 2021 - May 2023)

Team 3

As part of this team, I worked on the modularisation of a major part of the monolithic application with the aim of moving it to its own service. I introduced a new process to help speed up the code review process which has since been adopted by a few other teams in the company. As the most senior engineer of my team, I became the primary source of knowledge. I made sure to prioritise documentation to share my knowledge and help new joiners understand the product faster.

I worked closely with the product owner and finance teams to fix some erroneous data in the platform that could have caused a significant outage.

Side Project 2:

I was asked to work alongside a principal engineer on a side project to automate the process of bumping a gem version. I wrote a technical design suggesting a couple of approaches and added my recommendation on which approach to follow and the steps to implement it.

Skills learned: *bash*

Side Project 3:

I worked with a principal engineer to automate the process of creating and sharing anonymised databases to developers. 3 weeks into the project, based on research that I undertook, we decided that the project was not cost-effective and therefore recommended that it be terminated.

Skills learned: *AWS database, Javascript*

Side Project 4:

I am currently working on another side project, as requested by a principal engineer, to create a tool that would help make a step of the code review process easier for engineers.

Skills learned: *Docker, Makefile*

Tech Stack:

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|----------|-----------|-----------|
| - Ruby | - SQL | - AWS |
| - Rspec | - Sidekiq | - Next.js |
| - Heroku | - Docker | |

Education

Makers Academy (Sept-Nov 2018)

UCL, London (2016) - MSc Drug Discovery & Pharma Management

Lebanese American University (LAU), Lebanon (2009-2015) - BSc Pharmacy

Volunteering

TechKnowDay Conference - *Teaching assistant (March, 2018)*

Before starting at Makers, I taught myself the basics of Ruby, TDD and Git. I assisted the teaching of a 3 hour hands-on TDD workshop to beginners and was able to confidently answer questions and help the students work through their errors.

Languages

Fluent in English, French and Arabic