

SKYE, BILINGUAL (EN/FR) SOFTWARE ENGINEER

TECHNICAL SKILLS Golang • Elixir • PHP • JavaScript • SQL • Docker • Kubernetes • Python • Java

EDUCATION

UNIVERSITY OF BATH (scholarship)

MATHEMATICAL SCIENCES BSC (HONS), September 2014 - May 2018

REIGATE COLLEGE

A LEVELS

A* Maths • A* Further Maths • A French • B Physics

PERSONAL PROJECTS – [github.com/skyerus]

AUTOMISE - [March - May 2020]

I developed an inventory management system for wired2fire.co.uk (hosted via woocommerce). I integrated with woocommerce's API to provide features such as stock allocation and inventory tracking.

Additionally, I created a system that fully automates their purchasing process. This functions by emailing suppliers a link to fill in their current pricing, it then calculates the best prices (including shipping) and generates the purchase orders as PDFs.

- API Layer – Golang
- UI Layer – Javascript (ReactJS)

RIPTIDES (no longer maintained) - [2019]

The basic idea behind this project is to listen to Spotify alongside other people. I made a site where you can join "rooms" and queue songs together while chatting.

- API Layer – Golang
- Web socket layer – NodeJS
- UI Layer – Javascript (VueJS)

I used Jenkins to create the containers and deploy them to Kubernetes on Google Cloud.

PREVIOUS EMPLOYMENT

CV-LIBRARY, REMOTE - [cv-library.co.uk, August 2020 - now]

I was one of three people working within the newly founded microservices team. Our team took charge of the creation and architectural design of microservices for the platform.

These services were generally built using some subset of Golang, Docker, Solr, MySQL & CouchDB.

Due to the influx of microservices we needed a way to automate the construction of each service's foundations. I oversaw the development of a powerful blueprints tool that composes a service with the requested components. This allowed us to focus on the business logic from the get go.

KBRW, PARIS - [kbrw.fr, October 2019 - July 2020]

I was one of two people in a team working with Renault Retail Group to create an inventory management system (using Elixir/ReactJS/Riak-KV) that integrates with their dealership management system. Some of the features included:

- Reception and invoicing of stock using scanners (general/emergency parts)
- Order preparation
- Key performance indicators (~50% efficiency improvement)

EAGLE EYE SOLUTIONS, GUILDFORD - [eagleeye.com, October 2018 - June 2019]

I was one of three people in the team who designed and created a content management system. I worked on the front and back-end using VueJS and Laravel PHP respectively. I decided to leave my position here to pursue the riptides project described above.

INTERESTS & ACTIVITIES

Cycling • Tennis • Bouldering • Gaming