


Kacper Turon

kacperturon@gmail.com 

0792 567 4773 

EXPERIENCE

 ELSEVIER

 LONDON

- NOW* ○ Software Engineer IV
- The company was expanding the China division. I was assigned to give an architecture interview for a team lead position. I created draft diagrams for the applicant to expand on and follow up questions. I improved my soft skill of clearly presenting complex ideas as well as my architectural knowledge.
 - One system's frontend used a library to achieve masonry layout, the process was slow and caused jitteriness. I've reimplemented the library with SCSS and JS, which resulted in a 15% faster load times and 5% smaller bundle size.
- Mar-2020* ● Software Engineer IV
- The system allowed for generating PDFs from dynamic pages using a library that adopts React components and renders them as a PDF, this process is slow and requires a lot of custom styling. I decided to implement a new microservice that given a URL generates a PDF using a headless browser. This allowed us to shrink the source code, use it with any URL and reduce the traffic to our main service.
 - As a part of a small team, we relied on a QE for DevOps. To lessen the burden on our QE I've volunteered to join another team's program for a month. Every day I shadowed and paired with QEs. This resulted in less strain on the QE in our team.
- Jun-2019* ● Software Engineer III

 IBM

 HURSLEY

- Aug-2018* ● Software Engineer Placement Student
- Old machines with outdated hardware were often decommissioned. I was tasked with migrating our services from one set of machines to another. I automated the process by creating Ansible scripts to set up new machines and add them to the swarm. Result: 5% fewer tickets per month.
 - There were sensors for collecting environment data all over the campus, the data was noisy and unreliable. I volunteered and created a microservice, that polled the data, denoised it and pushed it to a database and also created aggregated versions. This made the data accurate enough for live graphs and analysis.
 - Employees shared SFTP credentials by handing a piece of paper to one another. I was tasked with developing an alternate workflow, I created a form for PMs to generate new credentials and assign them to people. This resulted in a secure system with clear credentials ownership and expiration time.
- Jun-2017* ●

EDUCATION

UNIVERSITY OF GREENWICH

 LONDON

BSc (Hons) Computer Science

Grade: **High 1st Class**

- 2019* ➤ **BCS Professional Membership Prize**
- **Final Year** - Created a proof of concept smart autocomplete system for VS Code using Machine Learning models to help improve user's code consistency.
- 2015*

PROJECTS

2020 **RTOM**

Node, C++, IoT, AWS, MQTT

Often having internet issues, I wanted to be able to find the most suitable workplace. I have built 2 devices that consisted of a microcontroller and an array of sensors. The devices would send temperature, noise pollution and amount of people around to the DB. This data then was used to create live graphs for comparing the office and my house.

2019 NoZeroDays

React Native, Redux, Expo

Todo list apps are useful for a unique set of tasks, I was looking for something that would allow having repetitive tasks for habit building purposes. I've created an app which tracks your tasks and your streak. The app helped me build a few habits and was a great opportunity to learn React Native.

2019 Dibble

React, Express, Mongo, Formik, Redux, Styled-Components, Material-UI

Job boards focus on experienced employees and tend to neglect fresh graduates. I decided to create an app with simple modern UI that would act as a bridge between companies and students looking for an internship or graduate position. This project was a great learning experience into building complex apps and dealing with clients.

TECHNICAL SKILLS

JavaScript
TypeScript

React Node NoSQL
Express GraphQL

AW
S
GIT

ADDITIONAL LANGUAGES



Polish

Fluent



Spanish

Basic