Kacper Turon

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EXPERIENCE

🏢 ELSEVIER　　　　　📍 LONDON

NOW — Software Engineer IV

Mar-2020 — 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.
- 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.

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- Old machines with outdated hardware were often decommissioned.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.
- 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**
- **2015** — **Final Year -** Created a proof of concept smart autocomplete system for VS Code using Machine Learning models to help improve user's code consistency.

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 an app that would allow for having repetitive tasks for habit building purposes. I've created an app that tracks your streak per habit. The app helped me build a few habits of my own and was an excellent opportunity to learn React Native.

TECHNICAL SKILLS

JavaScript | React Redux Node | AWS

ADDITIONAL LANGUAGES

🇵🇱 Polish *Fluent*　　　　　🇪🇸 Spanish *Basic*

Express GraphQL   GIT