

## Software Engineer

Software Engineer with over 3 years of experience in developing full-stack web applications in JavaScript and PHP and over 4 years' experience in developing Python applications with 2 years of experience in developing Machine Learning applications. In addition, I have 2 years of experience in developing Java applications. I have used SQL and NoSQL databases to store data for the developed projects.

### WORK EXPERIENCE

#### Junior Developer | Furniture Hire UK (2021 - Present)

- Designed and developed a Laravel 8 web app with mobile OTP authentication to confirm delivery and collection of items for events.
- Developed a website using Laravel and AngularJS to hire items for events, with Stripe integrated for payment.
- Used AWS CloudFront to serve images for the company website using http2, accelerating the page loads by 10%.
- Optimized SQL query for product search functionality, reducing the search time by 50%.
- Maintained and implemented new features for the company's main website and subsidiaries.
- Integrated the eLogii API with the company's internal delivery and collection system to create optimal routes.
- Increased the Google Lighthouse score, from 23% to 45% by minifying and caching the Javascript and CSS files.
- Saved 20% of operations on daily basis, by updating the delivery and collection allocation process.
- Developed a highly-reusable function to convert any Excel file of any size to an appropriately sized multidimensional array using PHP and PHP Office.

### ACADEMIC QUALIFICATIONS

#### B. Eng. Software Engineering | University of Westminster (2018 –2021)

Awarded First Class Honours.

Modules - Object-Oriented Programming, Concurrent Programming, Security & Forensics, Algorithms and Data Structures, Server-Side Programming.

#### Advanced Level | Ilma International Girls School (2008 – 2018)

Cambridge GCE A/Level: Mathematics and Mechanics (A\*), Computer Science (A\*), Physics (A\*) and Chemistry (A\*).

## SKILLS

- Efficient and hard-working team member.
- Willing to learn new and upcoming technology within a short span of time.
- Product quality oriented and delivers work on time.
- Creative problem solver.

## TOOLS & TECHNOLOGIES

React, Angular, Vue.js, Backbone.js, Bootstrap, Material UI, CSS, Sass, Mongo DB, MySQL, Express.js, CodeIgniter, Flask, Spring Boot, JavaScript, Python, PHP, Java, HTML, Cytoscape.js, Git, Heroku, GatsbyJS

## PROJECTS

### **MX flow (May 2020)**

A website used to calculate the maximum flow of a network given by either typing the input, uploading a file or by randomly generating a network.

**Technology:** React, Cytoscape.js, Node.js, Heroku.

**Website:** [mxflow.herokuapp.com](https://mxflow.herokuapp.com)

## VOLUNTEER EXPERIENCE

### **Secretary | IET On Campus IIT (Dec. 2019 – Sept. 2020)**

Registered the University as a Google Hash Code hub and organized the event with the assistance of the executive committee members of the club. Over 170 people participated for this overnight competition.

## COMPETITIONS

### **SLASSCOM Best Innovation of the Year (Sept. 2020)**

The innovation created by my team members and I was ARC (Application Review Classifier), an application used to identify bugs and feature requests and calculate the overall sentiment analysis of an app by utilising user reviews from Google Play Store.

### **2<sup>nd</sup> Runner-up | Best Project (Level 5) – Cutting Edge (Aug. 2020)**

### **2<sup>nd</sup> Runner-up | RB Global Challenge Sri Lanka (Oct. 2019)**

### **Participant | IEEEXtreme 13.0 (Oct. 2019), IEEEXtreme 12.0 (Oct. 2018)**

## REFERENCES

References are available upon request.