

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 the delivery and collection of items for events.
- Developed a website to using Laravel and AngularJS to hire items for events, with Stripe payment integrated.
- Utilised AWS CloudFront to serve images for the company website using http2, accelerating the page loads by 10%.
- Increased the Google Lighthouse score, from 23% to 45% by minifying and caching the Javascript and CSS files, using one font library.
- Updated the mechanism of allocating deliveries and collections, saving 20% of operations on daily basis.
- Developed a reusable code to convert any excel file of any size to a multidimensional array using PHP and PHP Office.
- Updated the product search functionality, to reduce the search time by 50%.

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

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.

2nd Runner-up | Best Project (Level 5) – Cutting Edge (Aug. 2020)

2nd 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.