

Zakariyya Husain

CompSci Graduate & Software Engineer

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Relevant Experience

Junior Backend Developer @ We Are JH

January 2022 - Present // Nottingham, UK

- ▷ My tasks Included Deployment and Maintenance of client Magento2 Systems, both development and production wise. This included Bug Fixing/Security patching & building new features.
- ▷ Work with a variety of different languages, frameworks, and management systems such as PHP, JavaScript, SQL, Creation of GraphQL Scheme.

Senior Technologist & DPO @ Hilton Supported Living

June 2019 - Present // Eastham, UK

- ▷ My tasks Included Deployment of a centralised cloud storage system along with mailing servers, Office 365 and in-house web-apps hosted on Azure.
- ▷ Work with a variety of different languages, frameworks, and management systems such as JavaScript, Python, Azure, Office 365.
- ▷ I had to create custom solutions tailed to the businesses' specific needs while also taking on the role as the data protections officer ensuring that all changes and practices implemented both in technologies and with the staff, where GDPR compliant

IT Specialist @ Goldman Sachs

August - September 2018 // London, UK

- ▷ Worked as a contractor under Computacenter for Goldman Sachs
- ▷ My tasks included with this role pertained to general decomposing of equipment to redeployment of proprietary trading equipment.
- ▷ Gained exposure to completing quality assurance related practices and the creation and deployment of Windows Virtualised trading environments

Customer Service Assistant @ Tesco

November 2017 - August 2018 // Goodmays, UK

- ▷ My task varied from day to day, On numerous occasions I had to manage two entire departments myself due to short staff.
- ▷ Definitely a great learning experience, from dealing with customers request and providing exceptional service to working with my team to overcome issues.

Volunteer Designer @ Active Change Foundation

March - May 2017 // Leyton, UK

- ▷ My tasks included; using Photoshop to design leaflets and posters, efficiency and speed in general admin tasks and also helping plan events by doing thorough research
- ▷ Enjoyed learning and developing my skills further, as well as learning new skills, understand the importance of team work and good inter-personal skills as they are vital in any working environments.

Volunteer Developer @ IQI Global Investments

May - June 2016 // Kuala Lumpur, MY

- ▷ As a part of the IT team, I was given the task to create a backup system consisting of shell scripts that would be used to securely backup the company's data onto external media.
- ▷ Assisted in the creation of a prototype database in Microsoft Access and Microsoft SQL Server that was later used to manage the entire company's real estate sales division.

Skills

Programming Languages

JavaScript, HTML, CSS, Python, Java, PHP, SQL

Libraries & Frameworks

TensorFlow, Pandas, Node.js, Flask, Matplotlib, GraphQL, Magento2

Tools & Platforms

Git, Arch, Ubuntu Server, OpenCV, MongoDB, Wordpress, Docker, MySQL, Warden, PHPStorm

Design

Photoshop, Premier Pro, Fusion 360, Simplify3D

Education

Goldsmiths, University of London

2017 - 2021 // London, UK

Bachelor of Science in Computer Science
With my Thesis on a project based on Convolutional Neural Networks.

Projects

FaceMaskD

I Built a RESTful styled API using a neural network trained to detect if a face mask has been worn. The API was built with Python and Flask. However the model and was trained and tuned using TensorFlow with a publicly available data-set of 1000 images for training.

Easy Meal

University Project that consisted of the, implementation and deployment of a cross platform app using NodeJS and Swift, where users are given recipe ideas based on their preference and ingredients available at home.

Interests

Soldering, Development of embedded controllers, Brazilian Jiu-jitsu, NFT, Blockchain