Ali Hamza Mohammed

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Summary

An experienced senior engineer with general knowledge of all aspects of IT and Computing, with specialist skills in programming and infrastructure for various platforms and devices. Specialised knowledge and dedicated experience in Python, Bash, Go, Java, Ruby and C++, and DevOps and Cloud Native technologies, such as Kubernetes, Puppet and Cloud computing. Capable and versatile in all aspects of computing, and attention to every detail and a thorough attitude to achieve near perfection encourages my self-motivation to keep learning and go beyond the norm.

Skills

- 10 years of experience with Python, Go and Bash, with deep understanding of syntax and advanced use cases
- 5 years of experience with Java, Ruby and C++
- Front end development with TypeScript, Node.js, React, Vue and Tailwind
- Profound understanding and advanced insight into computer science subjects, including algorithms, data structures and types, development methodologies (agile, continuous integration, rapid application development, etc.), exchanging data (compression, networks, encryption, etc.) and computational thinking and problem solving
- In-depth experience dealing with computer hardware and the relationship between hardware and software, with involvement in building and maintaining computer systems
- Set-up, maintenance and management of fleets of systems in on-prem, cloud and edge compute environments, with tools such as Kubernetes, Puppet, Ansible, Vagrant and Terraform

Experience

Jet Or Get (August 2018 to October 2018)
Apprentice Engineer
www.jetorget.com

QA Consulting (April 2021 to September 2021)
Junior Consultant
www.qa.com

GoMedia Services Ltd (September 2021 to July 2025)
Professional Services Engineer
www.gomedia.io

GoMedia Services Ltd (July 2025 to Present)
Senior Professional Services Engineer
www.gomedia.io

Qualifications

- ISQI Certified Software Engineer in Test – Completed 2021
- Certified Kubernetes Admin – Completed 2024
- Red Hat Certified System Administrator – Completed 2024
- ITIL 4 Foundation – Completed 2025

Education

2013 – 2018: The Heathland School, Hounslow
GCSE Qualifications

- English Language: 8
- English Literature: 7
- Mathematics: 9
- History: 7
- Computer Science: 9
- Science: 8
- Design Tech: A*

2018 – 2020: The Heathland School Sixth Form, Hounslow
A Level Qualifications

- Computer Science: A*
- Government and Politics: A
- Mathematics: B

Hobbies

In my spare time, I am an avid photographer and videographer, with skills in photo and video editing. I also like to build and benchmark computers and server hardware. Outside technology, I have a strong passion for boxing, recently holding a London Amateur Boxing Association License. I am an avid adventurer with a passion for hiking, the outdoors, and discovering new places. I am also keen and enjoy doing charity work and volunteering, accepting awards from the Mayor of Hounslow for my work with the Mind and CW+ charities.