# Jared Momanyi

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## CAREER SUMMARY

Computing science graduate passionate about developing software with scalability in mind. Skilled in programming, problem-solving, communication, teamwork, and web development using frameworks such as Node.js, .NET Core, Vue, and React. Possesses significant experience in DevOps and microservices, including deploying cloud infrastructure using infrastructure as code tools. Interested in developing secure and adaptable software applications and contributing to open-source software projects. Actively participates in hackathons and online coding competitions. Seeking graduate roles in software development or DevOps, as well as internships in these fields.

## RELATED SKILLS

- Ability to work in a team.
- Problem-solving skills.
- Communication skills
- Organisation skills
- Leadership
- Attention to detail.
- Adaptability
- React
- Databases
- Jenkins
- Agile methodologies
- HashiCorp Terraform
- AWS and GCP
- Docker
- Software development
- CI/CD pipelines
- Python
- C/C++
- JAVA
- C#
- PHP
- SQL

## EDUCATION

**Computing Science    2020 – Present   University of Dundee | Dundee, United Kingdom**

- Dundee University Computing Society member.
- Winning project DUCS hackathon.
- Dundee University Competitive Programming Society member
- Dundee University Christian Union member
- Venture competition winner 2024 Life Sciences category

**Secondary school            2016 –2019 Mpesa Foundation Academy | Thika, Kenya**

Under a competitively acquired scholarship that was awarded based on demonstration of ability and skill. Upon completion awarded a scholarship to join the University of Dundee having performed exemplary well.

- Mpesa Foundation Academy hockey team member,
- Lego robotics competition medallist.
- Stem club member.
- Presidential Awards Leader.

## PROFESSIONAL EXPERIENCE

**Lab Tutor       2023-Present      University of Dundee | Dundee, United Kingdom**
*Higher learning Institution*

Guided undergraduate and postgraduate students in mastering the database systems module, equipping them with the knowledge to tackle real-world database problems. The role involves:

- Troubleshooting issues related to AWS RDS and client connections.
- Supported students in improving their database architecture efficiency being a priority.
- Assist in the implementation of database architectures utilizing AWS RDS and PHP.

**UK national representative**          **2023-present MFAAA | Nairobi, Kenya**
*Mpesa Foundation Academy Alumni Association UK representative*

Elected by the UK scholars from the Mpesa Foundation Academy in Kenya to represent them in the executive committee. The role involves:

- Helping students from Kenya settle in the UK ensuring they have financial support from the academy trust.
- Forwarding the student's grievances to the executive team for consideration in issues related to academics, finances, and general well-being.

**Warehouse Assistant**       **2021-2023 Kettle Produce | Cupar, United Kingdom**
*Food production plant*

Worked as a food production operative in a part-time role. A fast-paced environment that involved working in a team to check for the quality of packaged food and setting up and monitoring food production lines.

- Helped pack the packaged food in crates in readiness for distribution.
- Assisted with managing production lines and sort out wrongly packaged food.

## VOLUNTEER WORK

**Backend Developer**       **2023– Present Placementt| Dundee, United Kingdom**
*A platform that streamlines student placements and enables businesses to recruit top academic talent.*

Part-time volunteer backend developer in an agile team, adapting to user needs. Key contributions include:

- Collaborating with clients for progress updates and gathering feedback for upcoming sprints.
- Managing database migrations.
- Conducting code reviews and testing.
- Representing the company in events such as the venture competition

**IT Support**       **2018 –2020 Mpesa Foundation Academy |Thika, Kenya**
*A non-profit academy that sponsors gifted students from economically disadvantaged backgrounds.*

Volunteered many hours to work with the IT team to provide support to students and faculty. Key responsibilities included troubleshooting issues with internet access, passwords, and learning software issues.

- Accepted into the I-Genius club which is based on merit to advance my skills in programming and computer networks.

## PROFESSIONAL CERTIFICATION, TRAINING & AWARDS

- Venture Competition Winner | University of Dundee       Feb 2024
- AWS foundation certification | Amazon       Sep 2022 – Dec 2022
- GMI Business Mentorship certification | Global mentorship initiative. Jan,2023 -Oct,2023
- The Duke of Edinburgh International Award (Bronze, Silver, Gold) | The Duke of Edinburgh International. May,2017-Sept,2019