Marcus Kamuntu

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SUMMARY

A second-year BSc Computer Science student with a knack for creating efficient solutions. Proficient in numerous programming languages and frameworks, including Node.js, React, C, and Python, with strong analytical thinking skills. Clear communication and a passion for continuous learning drive my ambition to excel as a software engineer.

EDUCATION

University of Dundee Scotland, United Kingdom
BSc (Hons) Computer Science with Industrial Placement *2024 – 2028*
- Relevant coursework: Multi-Paradigm Programming, Modern Stack Web Development, Software Engineering

PROFESSIONAL EXPERIENCE

Yarn Development London, England [Hybrid]
Founder and CEO *Mar 2021 – Present*
- Spearheaded freelance full-stack solutions for clients, including company portfolios and educational content management platforms.
- Key Skills: ReactJS, NextJS, HTML, CSS, JavaScript, Bootstrap, Tailwind CSS

Documatic London, England [Online]
Beta Manager *Jun 2022 – Sep 2022*
- Led the beta testing and feedback process for features like Doculog (automated changelog generation) and Codesearch (natural language code search).
- Collaborated with developers to refine functionality, enhance user experience, and prioritize improvements based on user feedback and testing insights.
- Key Skills: Teamwork, Git, Communication, Software Project Management

Pollo Game Boat Boston, MA, USA [Online]
Co-Founder and Lead Developer *Feb 2021 – Jun 2022*
- Developed a Discord Bot with a simulated economy and automated moderation for 250,000 users.
- Led migration from MySQL to MongoDB and CommonJS Node.js to TypeScript.
- Key Skills: Node.js, TypeScript, Express, MongoDB

Top Mark Tuition Centre On-site
KS1-3 Tutor *Sep 2023 – Sep 2024*
- Led classes for Years 1 to 9 in English and Mathematics, achieving 50%+ admission into top grammar schools.

PROJECTS AND EXTRACURRICULAR

PoeAPI | *Python, FastAPI, requests* May 2023
- Self-hostable reverse engineering of Quora's Poe.com API to enable free access to ChatGPT's GPT-4 and Claude 2.

QGenie | *Express, Node.js, LLMs* Jun 2024
- A website using pretrained LLMs to generate exam-style questions for A-Level students in a bite-sized format.

Dundee Bus Times | *Flutter [WIP]* Sep 2024
- App aggregating live bus times from Xplore Dundee, Traveline, and Stagecoach into one central location.

Rotary Youth Speaks Debate Champion Mar 2020
- Regional and District Champion in the Enfield Competition and London District Finals.
- Won best Intermediate Speaker award.

SKILLS

Programming Languages: JavaScript, C, Python, Swift
Frameworks: React, Next.js, Express, Bootstrap, Tailwind CSS
Tools: Visual Studio Code, Git, FastAPI, MongoDB, jQuery
Languages: English (Advanced), French (Limited)