

# 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.

**Campus Companion** | *Next.js* Mar 2025  
• Created for the DUCS Quackathon 2025 competition.  
• Combination of interactive tools to help new students familiarise themselves with the University of Dundee.  
• Won Junior Challenge.

**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.

**ServStu** | *Next.js [WIP]* Sep 2025  
• Digital marketplace exclusively for students to offer their services to others.

**Optimizing Pathfinding for Autonomous EVs** | *Python, Matplotlib, NetworkX* Dec 2024  
• Research project on creating a dynamic routing algorithm for autonomous electric vehicles.

**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

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**Programming Languages:** JavaScript, C, Python, Swift, Flutter

**Frameworks:** React, Next.js, Express, Bootstrap, Tailwind CSS

**Tools:** Visual Studio Code, Git, FastAPI, MongoDB, jQuery

**Languages:** English (Advanced), French (Limited)