DAVID EZEKIEL LUTTA

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OBJECTIVE

To assume a role which allows me to take responsibility for developing problem solving strategies and leverage technology in order to build products that positively impact customers.

SKILLS & ABILITIES

.NET

Analysis & Design of Algorithms

NodeJS

Java

Design Patterns

Database Development

EXPERIENCE

SOFTWARE ENGINEER MICROSOFT
AUGUST 2022 –

As part of the MSAI team, I contributed to the development of low-latency search services for Microsoft 365 products. My role involved optimizing search performance and enhancing query response times, ensuring efficient and reliable search capabilities across various Microsoft products.

SOFTWARE ENGINEERING INTERN MICROSOFT
JUNE 2021 – SEPTEMBER 2021

I focused on enhancing the relevance of people search suggestions within Microsoft 365 products. I helped users find the right people, and content to complete their tasks seamlessly.

EDUCATION

JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY
BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

Graduated with a Second-Class Honors Upper Division.

HIGHLIGHTED PROJECTS

YTS TORRENT BOX
Application that displays movies from the YTS database and the user can initiate a download which then downloads the movie to their machine and sends the progress status back to the mobile app and web app.

SMART TOLL SYSTEM
Smart IoT based project that allows drivers to effortlessly pay toll station fees using an RFID Tags and a smartphone. This application takes advantage of MPesa a digital payment solution developed by Safaricom.

VOLUNTEER EXPERIENCE

TECHNICAL MENTOR YOUNG SCIENTIST KENYA
MARCH 2018 – AUGUST 2018

My Responsibility was to mentor High School Students doing various programming projects with one of my groups qualifying for the final round.

AWARDS

MICROSOFT STUDENT HACKATHON 2021 GRAND PRIZE WINNER
NOVEMBER 2021

My team and I participated in the global Microsoft student Hackathon building a project named forest guard which aimed at decreasing deforestation using IoT and Azure. We managed to emerge as the global winners.

STRENGTHS

- A deep passion to learn new technologies.
- A team player who enjoys collaborating on projects and helping out other members.
- Ability to work independently with minimal supervision.

INTERESTS

- Learning new technologies.
- IoT development.
- Gaming.
- UI Design.

REFERENCES

PAUL BAECKE, PARTNER GROUP ENGINEERING MANAGER
MICROSOFT

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THUITA WACHIRA, SENIOR SOFTWARE ENGINEERING MANAGER
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