

Prince Musonda

Driven and forward-thinking aspiring computer science(CS) and Electrical engineering student with a profound enthusiasm for pioneering solutions in full-stack web development, mobile app development, artificial intelligence, robotics, and clean energy technologies. Through immersive learning experiences, I aim to deepen my understanding, cultivate valuable skills, and establish enduring connections with like-minded peers. My goal is to actively contribute to the world's technological innovation, particularly in the realms of Artificial intelligence, robotics and clean energy, while furthering my academic and professional pursuits.

PROFESSIONAL EXPERIENCE

Pinnaculum Digital, Lusaka,Zambia — *software Developer*

January 2023 - PRESENT

Collaborated with a cross-functional team to develop and maintain robust web and mobile applications using modern technologies such as React.js and Node.js, and flutter(Dart).

Implemented responsive and user-friendly UI components, contributing to a 20% improvement in user engagement

Assisted in the design and implementation of a data-driven backend system, optimizing data retrieval times by 30%

National enhancement technical organization Network, Lusaka, Zambia (Remote) — *Contract-software developer*

October 2023 - Nov 2023

Contributing to the development of a point of sale mobile application.

Conducted regular code reviews and participated in team discussions to enhance code quality and maintainability

EDUCATION

Kalonga Secondary School(Kabwe, Central, Zambia)— *High school completion certificate*

January 2016 - December 2020

Online Courses

Machine Learning Specialization [Cousera]

Mathematics for Data science and Machine Learning specialization [Cousera]

Single and multivariable calculus [MIT Open course ware]

Linear algebra [MIT Open course Ware]

Deep Learning specialization [Cousera]

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Portfolio Projects repository:
<https://github.com/prince-musonda>

SKILLS

Full stack web development

Mobile App Development

Programming Languages: Javascript, Python, Html, CSS, Dart

Frameworks and Libraries: Next.JS, React Js, Numpy, Pandas, Scikit-learn, express js, Tailwind CSS.

Basic AI,Machine Learning and deep learning

Problem Solving and Critical Thinking

Leadership and Team Collaboration

Effective communication

Leadership Experiences

Class Leader - Kalonga secondary school (January 2019 to December 2020)

Senior physics coordinator (JETS CLUB) - Kalonga Secondary school(January 2020 to December 2020)

Awards

O'reilly diversity and inclusive scholarship (june 2023)

EDUSA opportunity fund awardee - part of 19 accepted out of 700+ (April 2023 - present)

Certification in Programming and

electronics bootcamp - US embassy
Zambia and Leaders Arise

Coursera Machine Learning
Specialization scholarship award (
June 2023 - present)