

Contact

Nairobi
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Top Skills

Flutter
Node.js
Express.js

Certifications

Software Engineer
Responsive Web Design
Certificate in Software Development
Internship Certificates of Data Science
Analyzing and Visualizing Data with Microsoft Power BI

Wuor Bhang

Data Scientist | Software Engineer(Back-end)
Nairobi County, Kenya

Summary

I am a detail-oriented Backend Developer and Data Scientist with expertise in Python, Django, JavaScript, TypeScript, Node.js, and Express.js. I have a solid foundation in software engineering and experience managing databases such as MongoDB, PostgreSQL, and MySQL, which allows me to design scalable, high-performance applications. I utilize AWS for secure and cost-effective cloud deployments and thrive in collaborative environments. Additionally, I apply data science techniques for data analysis, predictive modeling, and insights-driven decision-making. Currently, I am expanding my expertise in blockchain solutions and real-time applications, with a focus on cloud infrastructure, backend development, and data-driven solutions.

Experience

Locsafe

Database Developer

September 2024 - Present (9 months)

Kenya

At Locsafe, I focus on database optimization and blockchain integration to enhance security, transparency, and scalability. My role involves designing efficient database architectures and implementing blockchain solutions for secure data management.

Blockchain Integration: Developed and integrated Locsafe's database into blockchain technology, ensuring data security, immutability, and transparency.

Database Optimization: Designed scalable and high-performance database structures to support seamless blockchain interactions.

Smart Contracts & Server-Side Development: Implemented JavaScript-based smart contracts, improving data integrity and automated processes.

Security Enhancement: Strengthened database security protocols, mitigating risks associated with unauthorized access and breaches.

Kuza Kids

Team Lead Manager

November 2023 - Present (1 year 7 months)

Kakuma, Turkana West, Kenya

At Kuza Kids, I lead initiatives aimed at empowering children by helping them discover and develop their talents through sports and creative activities. My responsibilities include managing a team, organizing events, engaging with the community, and securing funding to support the organization's growth.

Talent Identification: I have developed structured programs to recognize and nurture children's skills, fostering confidence and self-expression through sports.

Grant Writing & Fundraising: I am responsible for writing and applying for grants, sponsorships, and other funding opportunities to expand Kuza Kids' reach and impact.

Community Engagement: I have built strong partnerships with local organizations and stakeholders to enhance participation and support for our initiatives.

Event Organization: I plan and coordinate sports tournaments, workshops, and mentorship programs, creating avenues for children to showcase their abilities.

Leadership & Mentorship: I guide young athletes by providing personal development strategies that encourage growth, teamwork, and discipline.

Future Interns

Data Science Specialist

February 2025 - May 2025 (4 months)

Nairobi County, Kenya

At Future Interns, I develop data-driven solutions that enhance customer support, conduct sentiment analysis, and enable accident prediction. By utilizing Python, Power BI, and machine learning, I work on projects that improve operational efficiency and deliver actionable insights.

I analyzed support tickets to identify recurring issues, refine response strategies, and automate categorization using Pandas and NLTK. This analysis resulted in reports that improved customer service workflows.

Additionally, I performed sentiment analysis on social media posts using NLP techniques and visualized trends with Power BI dashboards. This work allowed businesses to extract key public sentiments and optimize their marketing strategies.

I also created a predictive analytics tool to forecast accident severity with Random Forest models and developed interactive Power BI dashboards for hotspot identification and trend analysis, supporting data-informed policymaking.

Kakuma Vocational Center (KVC)

Learning Facilitator

March 2023 - December 2023 (10 months)

Kakuma

I prepare and deliver lessons.

I have provided one-on-one support to students as needed.

I helped create and maintain a positive and inclusive classroom environment.

Education

Learning Lions

COMPUTER SCIENCE, Front-end Development · (January 2022 - June 2025)

African Leadership Experience

Full stack Development · (January 2024 - March 2025)

Azubi Africa

Cloud Computing

Power Learn Project

Certificate in Computer Science , Computer Software Engineering · (August 2024 - December 2024)

Massachusetts Institute of Technology

Certificate Of Computer Science, Certificate in Data Science · (November 2024 - December 2025)