

FABIUS LIHANDA ACHEVI

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PROFESSIONAL SUMMARY

Proficient Data Science and DevOps professional with a strong foundation in data analysis, machine learning, and cloud computing. Skilled in Python, SQL, and visualization tools, with knowledge of AWS and modern cloud platforms. Passionate about applying technical expertise to build predictive models, automate processes, and deliver data-driven insights. Strong problem-solving mindset with an investigative approach and a keen interest in financial services and technology-driven business solutions.

KEY COMPETENCIES

Technical skills

Data-driven decision-making process (Ask, Prepare, Process, Analyze, Share, Act)

Data Analysis and Visualization

Data Science

Python Programming

Devops / Mlops

R Programming

SQL

Soft skills

Leadership and Project Management

Research and Development

Teamwork Collaboration and Communication

Adaptability

Ethical Mindset

Detail-oriented

Strong Analytical skills

PROFESSIONAL EXPERIENCE

Communications Authority of Kenya, Nairobi, Kenya

May 2024 - Aug 2024

Intern, Junior Cyber Security Analyst (KE-CIRT)

- Monitored and analyzed cybersecurity threats to protect national critical infrastructure, applying data-driven methods for risk assessment.
- Used data analysis and visualization to investigate incidents, identify trends, and present actionable insights to senior management.
- Collaborated in cross-functional teams to address emerging threats, enhancing reporting and decision-making processes.
- Contributed to the development of policies and awareness programs, supporting evidence-based improvements in security operations.

VOLUNTARY EXPERIENCE

Everything Operations (EveOps)

Aug 2025 - Present

Co-Founder & Community Coordinator

- Lead and coordinate weekly events, webinars, and knowledge-sharing sessions.
- Manage community engagement by addressing queries, fostering collaboration, and analyzing participation trends to improve event impact.
- Organize content on DevOps, MLOps, AIOps, FinOps, SecOps, and CloudOps domains.
- Facilitate networking opportunities and promote peer-to-peer mentorship.
- Support the mission to educate, connect, and grow the next generation of Ops professionals.

EDUCATION

1. Egerton University, Njoro, Kenya

Sep 2021 - Present

Bachelor of Science, Computer Science

Final Year Project: “MkulimaAid”, ML-powered web platform using Flask to detect crop diseases from images, integrating data visualization, user authentication, and a knowledge-sharing forum.

Achievement: Launched and showcased Mkulimaaid at the “2025 Nakuru National Agricultural Show” helping 50+ farmers combat common crop diseases by leveraging AI and Machine Learning.

Award: Job Readiness Skills Training Certificate for professional development and workplace problem-solving

Cumulative Grade: Second Class Upper Division (65%)

2. AWS re/Start Graduate (Online)

May - Aug 2025

- Gained hands-on experience in AWS Cloud services (EC2, S3, VPC, IAM, RDS, CloudWatch, etc).
- Built a strong foundation in Linux, Python, and Networking fundamentals.
- Learned and applied security best practices in cloud environments.
- Developed practical skills in cloud architecture, automation, and troubleshooting.
- Understood principles of DevOps, monitoring, and cost optimization.
- Worked on real-world labs and team projects, enhancing problem-solving and collaboration skills.
- Prepared for and aligned with the AWS Certified Cloud Practitioner certification.

3. Cyber Shujaa – Data & AI Engineering (Hybrid)

May - Aug 2025

Intensive industry-aligned program developing job-ready skills in data science, AI, and data-driven innovation, including:

- Data analytics & visualization using Python, SQL, and open-source tools.
- Building, training, and deploying AI/ML models across sectors.
- Data engineering best practices for pipelines and real-time analytics.
- Model evaluation, experimentation, and performance tuning.
- Team-based projects simulating real-world business cases.

Grade attained: Distinction

4. Google Coursera(Online)

Dec 2024 - Mar 2025

Google Data Analytics Professional Certificate

- Developed strong foundational knowledge in data cleaning, visualization, and analysis using tools such as Excel, SQL, R, and Tableau.
- Applied the data analysis process (ask, prepare, process, analyze, share, act) to real-world business scenarios.
- Conducted exploratory data analysis and built dashboards to communicate key insights to stakeholders.
- Gained hands-on experience with data wrangling, spreadsheets, and structured query languages to inform decision-making.
- Practiced statistical thinking and ethical handling of data in real-world case studies.
- Enhanced ability to derive actionable insights and support data-driven decision-making across diverse industries.

5. Teremi High School, Bungoma, Kenya Kenya

Jan 2017 - Apr 2021

Certificate of Secondary Education(KSCE)

- 8 subjects (2A's, 1A-, 3B+, 2B-, 1C+)

Grade: B+

PROJECTS *(click to view)*

1. **MkulimaAid (ML Crop Disease Diagnostic Platform)** - Built a Flask web app with a trained CNN model for crop disease detection, including dashboards (Plotly, Chart.js) and semantic-rich disease descriptions.
2. **Twitter Sentiment Analysis (BLM Movement)** - Used Python (NLTK, pandas) and Selenium for web scraping to analyze and visualize social sentiment trends.
3. **Tableau HR Dashboard** - Designed an interactive dashboard with key workforce insights for real-world HR decision-making.
4. **AWS Project** - Deployed a Production-Ready Flask Application on AWS with High Availability And Strong Security
5. **Amazon Bestselling Books (2009-2019) Analysis** - Analyzed top 50 books over 10 years to uncover trends in ratings, pricing, and genres for market insights.

CERTIFICATIONS

- AWS Certified Cloud Practioner (CCPA)
- Cyber Shujaa - Data and AI Specialist
- Google Data Analytics Professional Certificate
- Deloitte Data Analytics Job Simulation
- Dr Angela Yu 100 Days of Code Complete Python Pro Bootcamp
- Kubernetes and Cloud Native Essentials (LFS250)
- Google Advanced Data Analytics Professional certificate (Ongoing)

LANGUAGES

- English(Excellent, B2)
- Swahili(Excellent, C2)

SPECIAL ACTIVITIES AND INTERESTS

- Machine learning applications in finance and business analytics
- Building interactive dashboards with Power BI, Tableau, and Python visualization libraries
- Cloud computing and data-driven automation (AWS, Azure, GCP)
- Big data analysis (Big query) and predictive modeling
- Exploring trends in financial technology (FinTech) and data science innovation
- Participating in hackathons, data challenges, and open-source projects

REFERENCES

1. Joseph Brian — KE-CIRT, CA | bryanmainye@gmail.com | 0729780474
2. John Katiku — Egerton University | jkatiku@egerton.ac.ke | 0722440727
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4. Dr. Zachary Bosire — COD Computer Science Egerton University | zomariba@egerton.ac.ke | 0729154296