

EDUCATION

Strathmore University	Nairobi, Kenya
Master of Science in Data Science and Analytics	May 2025 - Present
The Co-operative University of Kenya	Nairobi, Kenya
Bachelor of Science in Computer Science	Sep 2019 – May 2023
ALX – Holberton	
Software Engineering	Jan 2022 – Feb 2023

SKILLS SUMMARY

- Languages: Dart, JavaScript, Pythons, SQL
- Frameworks: Flutter, NextJs, Pandas, NumPy, Matplotlib, Scikit-Learn
- Tools: Power Bi, Excel, Firebase, Tableau, MySQL, SQLite
- Platforms: Android Studio, Visual Studio, PyCharm, Jupyter Notebook, IntelliJ iDEA
- Soft Skills: Leadership, Team Collaboration, Technical Mentorship, Agile Methodologies, Problem-Solving, Cross-Functional Communication, Stakeholder Alignment

WORK EXPERIENCE

Software Developer | Pixel Africa Limited | [PiXi POS](#) May 2024 – June 2025

- **Integrated 2 critical SDKs** into a Flutter app, improving functionality and reducing integration time by 17% through optimized workflows
- **Trained 5 team members** on app architecture and best practices, accelerating onboarding and reducing dependency bottlenecks
- **Partnered with marketing & UI/UX teams** to develop a **user-centric app**, increasing engagement by **X%** through data-driven design improvements
- Built PiXi POS, a modern Point-of-Sale system handling 5,000+ transactions/month, featuring:
 1. Real-time inventory management (reducing stock discrepancies by 35%).
 2. Payment splitting (supporting cash, card, and mobile money), streamlining checkout by 28%.

Software Developer | Zingo Kenya January 2023 – Apr 2024

- Led a team of 3 developers to deliver 5+ customer-centric solutions on schedule, improving user retention by 5%.
- Designed and launched **Zingo Kenya** scaling to 50 users with a 4.5 Play Store rating in its first quarter.
- Deployed **AWS & Google Cloud (Firebase, Maps)** infrastructure, cutting costs by 15% while ensuring 99.9% uptime
- Established peer reviews & best practices, reducing bugs by 17% and accelerating onboarding by 22%.
- Mentored junior developers in **scalable coding practices**, boosting team productivity by 7%
- Integrated **M-Pesa & SasaPay APIs**, enabling seamless payment processing (KES 100,000/month) and reporting

Flutter Developer | Fikisha Mashinani June 2023 – December 2023

- Built **Fikisha Mashinani** (cross-platform delivery app) & **Fikisha Riders** (rider app) using Flutter, Node.js, and Firebase, serving 100+ users with <5% crash rate.
- Integrated **M-Pesa** payments, processing KES 50,000/month securely with 98%+ transaction success rate.
- Implemented real-time GPS tracking & rider allocation, reducing delivery times by 15% and improving customer satisfaction.
- Led cross-functional teams (product, UX, QA) to deliver 5+ major features on schedule, aligning with business KPIs.

PROJECTS

1. **Ambulance Ordering App:** [Link to Project](#)
2. **Female Fitness App:** [Link to Project](#)