Jackline Jebet

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📞 +254 724 139 044

📍 Nairobi-Kenya

🔗 Portfolio Website

⬡ Github

in LinkedIn

🪪 PROFILE

As a passionate and forward-thinking professional, I bring a strong foundation in Software Engineering, Fullstack Development, Data Analysis, and UX/UI Design. My journey is driven by a commitment to leveraging technology to solve real-world problems and deliver impactful, user-centric solutions.

I've gained hands-on experience through freelance projects and personal skill development. I've built expertise in Python, JavaScript, SQL, and React.js, creating projects like an E-Health Management System and the Moovers App. These initiatives enable me to develop interactive web applications, extract data-driven insights, and design intuitive user experiences tailored to specific needs.

Currently, I'm pursuing a Master's in Financial Engineering and honing my skills in Machine Learning, Data Science, and Quantitative Analysis through the Applied Data Science Lab at WorldQuant University. This journey is equipping me with advanced analytical and technical skills, preparing me to tackle real world complex challenges

🎓 EDUCATION

Master's Degree in Financial Engineering, WorldQuant University
Feb 2025 – present | New Orleans, USA
- Analyzing market trends and building predictive models.
- Applying Machine Learning to solve complex financial problems.
- Developing mathematical models for asset pricing and risk assessment

Applied Data Science Lab, WorldQuant University (WQU)
Jan 2025 – present | New Orleans, USA
Projects & Skills:
- Working on Projects including housing price prediction & air quality forecasting.
- Engagaing in tasks such as data processing, statistical analysis, and machine learning model development using python and industry-standard libraries (Panda, Numpy, Scikit-learn, Matplotlib).

Software Engineering (IT & Software Development),
Moringa School
May 2022 – Nov 2022 | Nairobi, Kenya
- **Projects & Skills:** Developed a Weather Forecast Dashboard, E-Health Management System, Hotel Booking Management System and Movers Application using Javascript, React ,Node.js, Ruby, PostgreSQl, MongoDB, Bootstrap and Figma.

Cloud Computing Practitioner(AWS), Online, Azubi Africa
Jan 2024 – Apr 2024 | Accra, Ghana
Skills Earned
- AWS services: CodeDeploy, CloudFormation, Lambda.
- IaaS, PaaS, and SaaS models
- Cloud storage solutions: Amazon S3, EBS, and EFS.

Business Analysis, Online, Hibreed Station Inc.,Canada
Mar 2022 – May 2022 | Nairobi, Kenya
Skills

💼 PROFESSIONAL EXPERIENCE

Web developer | UX/UI Designer | Digital Consultancy, Freelance
Jan 2023 – present | Nairobi, Kenya
- Designed and developed responsive websites using React.js, JavaScript, HTML, and CSS to enhance user engagement.
- Collaborated with clients to understand project requirements and deliver custom UI/UX designs using Figma and Adobe XD.
- Integrated RESTful APIs for dynamic content and functionality.
- Optimized web applications for speed, performance, and accessibility across devices.
- Used Git for version control and worked in an Agile environment with Scrum methodologies.

Key Achievements:
- Successfully developed and launched a responsive E-Health Management System, improving accessibility for healthcare providers.
- Designed an intuitive Hotel Booking Platform, enhancing user experience and increasing booking efficiency.
- Optimized website performance and reduced page load times by 30%, leading to improved customer engagement.
- Enhanced client acquisition by 30% through tailored digital marketing and UX strategies.
- Implemented scalable front-end architectures that improved website responsiveness and user interaction.

Data Analyst / Big Data Specialist, Freelance
Jan 2022 – Jan 2023 | Nairobi, Kenya
- Conducted advanced data analysis and querrying for cybersecurity using ADFA-NB15 dataset.
- Processed and structured large raw network traffic data using Apache Hive, optimizing data strorage and retrieval.
- Designed clear, insightful visualization using Matplotlib and Tableau to support cybersecurity threat analysis.
Key Achievements:
- Achieved a 100% client satisfaction rating for timely delivery and high-quality outcomes.
- Delivered data-driven solutions that improved operational efficiency and reduced errors.

Scrum Master Trainee, OffersGalore Kenya
2021 – 2021 | Nairobi, Kenya
Responsibilities
- Facilitated daily stand-ups, sprint planning, and retrospective meetings to ensure team alignment and progress.
- Recommended design improvements for client-facing products, enhancing visual appeal and functionality.
- Managed sprint reviews, presenting deliverables to stakeholders for feedback and continuous improvement.

Key Achievements:
- Improved team performance by fostering effective communication and collaboration.
- Contributed to the successful delivery of sprint goals, meeting project timelines and quality standards.

Credit Officer Intern, Uasin Gishu County government
Jun 2019 – Sep 2019 | Eldoret, Kenya
Responsibilities
- Assessed and evaluated credit applications, ensuring compliance with financial policies and regulations.
- Conducted thorough financial analysis of clients to determine creditworthiness and risk factors.

- Business Analysis, Requirements gathering, Stakeholder engagement
- Agile methodologies, scrum practices, and data-driven insights

Bachelor's Degree in Agribusiness Management & Enterprise Development, South Eastern Kenya University
Sep 2016 – Dec 2020 | Kitui, Kenya

<u>Skills</u>
- Agribusiness strategy development
- Supply chain management, Market research & analysis
- Financial analysis and budgeting for agribusiness

Project: A Case Study of Financial Management Practices in Micro-Finance Institutions in Kenya.

Kenya Certification of Secondary Education(KCSE), Tulwo Girls High
Jan 2012 – Oct 2015 | Eldoret, Kenya
Award: Grade B (63 Points)

Kenya Certificate of Primary Education (KCPE), AIC Cheplapkei Academy
Jan 2004 – Oct 2011 | Eldoret, Kenya
Award: Grade B (326 marks)

🧠 TECHNICAL SKILLS

Programming & Tools
JavaScript, HTML, CSS, React, Python, Ruby, SQL, Git, Github

Data Analysis & Visualization
Excel (Vlookup, Pivot Tables, Dashboards), Power BI, Matplotlib, Pandas, Numpy, Seaborn

Digital Transformation for Business
Graphic Design, Google Analytics, SEO, Social Media marketing

UX/UI Design & Graphic Design
Figma, Adobe XD, Photoshop

Project Management & Collaboration
Jira, Trello, ScrumBoard, ClickUp, Kanban

Big Data Analytics
Hadoop/Hdfs, Apache Hive, Apache Spark, Pyspark

Software & tools
PowerPoint, Word, Excel, Access, open office

Cloud Computing
Amazon Web Services (AWS Certifified)

🪪 CERTIFICATIONS

Bachelor's Degree Certificate ⧉

Software Engineering ⧉
(Moringa School)

Business Analysis ⧉

Amazon Web Services(AWS) ⧉
(AWS Cloud Practitioner Certified)

Software Testing Certificate ⧉

Project Management ⧉

Kenya Certification of Secondary Education (KCSE) ⧉

Kenya Certificate of Primary Education(KCPE) ⧉

- Collaborated with cross-functional teams to support loan processing and customer service initiatives.
- Facilitated credit approval processes by preparing detailed credit reports and recommendations.

Key Achievements:
- Streamlined credit approval processes by improving reporting accuracy and reducing turnaround time.
- Successfully supported 20+ loan applications, contributing to the county's financial management efforts.

📁 EDUCATIONAL PROJECTS

AI-Powered Portfolio, Tech stack: Javascript, Node.js, HTML, CSS, REST API Integration ⧉
Jan 2025 – Jan 2025

Scorptech Enterprise LTD,
Tech Stack: Javascript, Html, MongoDB, Node.js ⧉
Aug 2024 – Sep 2024

Afyalytics Figma Design,
Health Management Platform ⧉
Jul 2024 – Jul 2024

Data Analysis and Big Data Query Project,
Freelance Engagement
Jun 2024 – Jul 2024
Tech Stack: Apache Hive, HDFS, PySpark, Matplotlib and SQL

Delicacy Restaurant Website,
Tech Stack: React, Node.js, CSS ⧉
Nov 2023 – present

M-banking App,
Tech Stack: React, Node.js, CSS, Cordova ⧉
Jan 2024 – Jul 2024

Mpesa-STK-Push, Tech Stack: React, Node.js, CSS ⧉
Aug 2023 – Sep 2023

Moovers Web App, Tech Stack: Javascript, React, Ruby on Rails, Bootsrap, Figma ⧉
Jul 2022 – Nov 2022

Weather Forecast Dashboard,
Tech Stack: Javascript, Html, CSS, REStful APIs ⧉
May 2022 – Jun 2022

🌐 LANGUAGES

- English
- Kiswahili

🔗 REFERENCES

Available Upon Request.