

**Anthony Nchore**  
**Software Engineer & Data Scientist**

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## SUMMARY

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I am a Data Scientist and a Software Engineer with a strong background in Mathematics and Statistics. I hold a degree in Mathematics(Computational Mathematics and Statistics major) and a nano degree in Software Engineering. With of experience of applying statistical models, machine learning techniques and data analysis tools to solve complex problems. I'm proficient in a number of programming languages like Python, R, JavaScript and data Visualization tools like ggplot2, matplotlib and seaborn. I have hands on experience in developing scalable solutions and working on multidisciplinary projects. Expert Software Developer proficient in building and optimizing software solutions. Talented coder and project manager bringing consistent record of producing quality deliverables. Contributes expertise to all stages of software development lifecycle.

## SKILLS

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- Python, JavaScript, R, HTML, CSS, SQL
- Fast API, RESTful apis
- Machine Learning, Deep Learning, Time Series Analysis, Data Analysis, Data Visualization
- Problem Solving, Adaptability, Project Specialization, Software development standards

## EXPERIENCE

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### Fullstack Developer and Machine Learning Engineer | [Upwork](#)

Jan 2024 - March 2025 | Remote

- Led a team of 4 developers in designing and developing software applications .
- Spearheaded the development of a new feature that increased customer engagement and satisfaction.
- Developed predictive models using machine learning algorithms like linear regression, decision trees, and random forests to generate insights from structured datasets .
- Built end-to-end machine learning pipelines for clients, including: Data Preprocessing: Utilized Pandas, NumPy, and scikit-learn to clean and transform datasets . Model Training: Applied scikit-learn for training and fine tuning models.
- Deployment: Deployed predictive models using FastAPI, and Docker, ensuring scalability and reliability.

Key Accomplishments:

- Optimized the existing codebase, resulting in a 10% reduction in processing time.
- Consistently met project deadlines, earning commendation for dedication and focus.

**Software Developer Intern | Kaj Technologies Limited**

Feb 2024 - June 2024 | Nairobi, Kenya

- Collaborated with the product team to enhance software functionality and improve business processes .
- Increased product functionality by 35% by developing tailor-made solutions based on user requirements, which improved overall user experience .
- Integrated third-party APIs such as Daraja API for mobile payments.
- Led the API integration project, ensuring smooth implementation and alignment with business goals

Key Accomplishments:

- Designed and implemented a new software application that automated manual tasks, resulting in a 20% increase in departmental efficiency.

**Machine Learning Engineer | Tenspot Limited**

Apr 2021 - Nov 2021 | Nairobi, Kenya

- Collaborated with a team of data scientists to develop strategies for collecting payments from loan defaulters, improving overall debt recovery rates.
- Collected and processed borrower data, including loan histories, payment patterns, and financial behaviors, leading to the creation of comprehensive datasets for predictive modeling.
- Developed machine learning models using algorithms like logistic regression, decision trees, random forests, gradient boosting, and neural networks to predict loan default risk.

Key Accomplishments:

- Trained models on historical data, identifying key patterns that were used to proactively address potential defaulters, contributing to a 15% increase in successful debt recoveries.
- Fine-tuned model parameters to enhance prediction accuracy and minimize overfitting, improving model precision and recall metrics by 10%.

**EDUCATION**

**University of Nairobi** | Bachelor of Science in Mathematics (Statistics Major)

Sep 2017- Dec 2021

The BSc in Mathematics with a specialization in Computational Mathematics and Statistics provides a solid foundation in core mathematical principles while focusing on the application of computational techniques and statistical methods.

**Moringa School** | Nano degree in Software Engineering (Fullstack Developer)

Aug 2023 - Aug 2024

The Nano Degree in Software Engineering with a specialization in Full-Stack Web Development focuses on building dynamic and scalable web applications.

**References:****1) Irene Nyanchama,**

Place of work: Wonder Properties Limited (Accountant)

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**2) Derrick Michieka,**

Place of work: Ministry of Mining (Senior Geologist),

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**3) Milton Olwenyi,**

Place of work: The Kenya Industrial Research and Development Institute (KIRDI) (Industrial Chemist)

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