

JEFFREY MISIGO

Backend Engineer | Data labeller| Financial Analyst

CONTACT

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PROFESSIONAL SUMMARY

Results-driven Backend Engineer with a strong foundation in software development, distributed systems, API architecture, and database engineering. Experienced in designing scalable backend infrastructures, developing secure APIs, optimizing server-side performance, and building robust data pipelines that support high-impact applications. Skilled in Python, Node.js, SQL, PostgreSQL, system integration, and cloud-oriented development practices. Passionate about building reliable, maintainable systems, improving operational efficiency through automation, and architecting backend solutions that power business growth, data-driven decision-making, and digital transformation.

CORE TECHNICAL SKILLS

Backend Development

- Python
- Node.js
- Express.js
- REST API Development
- Authentication & Authorization (JWT, OAuth)
- PostgreSQL
- MySQL
- MongoDB
- Git & GitHub
- System Design Fundamentals

Additional Tools

- HTML/CSS
 - JavaScript
 - React (Frontend Collaboration)
 - Docker (Foundational)
 - Cloud Concepts (AWS/GCP Basics)
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PROFESSIONAL EXPERIENCE

Full stack Web Development - Future Interns

Remote

15/05/2026

- Developed and deployed a professional personal portfolio website showcasing projects, technical skills, and interactive resume features using HTML, CSS, JavaScript, and modern web development practices.
 - Built a Client Lead Management System (Mini CRM) with frontend-backend integration, implementing CRUD functionality, lead tracking workflows, and database management for business process automation.
 - Designed and delivered a live business website solution for a local enterprise, applying real-world client communication, business analysis, and problem-solving to create growth-focused digital solutions.
 - Managed all project versions through public GitHub repositories following structured documentation and deployment standards, strengthening collaboration, code organization, and portfolio credibility.
 - Applied full-stack development tools including JavaScript frameworks, backend technologies, databases, and AI-assisted development platforms to execute practical, business-oriented web solutions.
 - Strengthened expertise in responsive web design, SEO principles, system thinking, and end-to-end software delivery while working on task-driven projects aligned with real client needs.
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Data Labeling

Remote

05/01/2026 - current

- Completed a job simulation where I worked as a Data Labeling Analyst for Forage AI company, reviewing real customer support messages
- Practiced classifying messages for Intent, Sentiment, and PII (personally)

- identifiable information) using a consistent labeling schema
- Evaluated tricky or ambiguous edge cases, and wrote short rationales justifying final label decisions
 - Reviewed labeling work done by others, identified inconsistencies, and suggested one improvement to the team's labeling guidelines
 - Strengthened my ability to apply clear definitions, follow ethical privacy practices, and maintain consistency across data
 - Gained hands-on experience in human-AI collaboration, foundational to roles in AI ops, trust & safety, and machine learning support
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Financial Analyst /Club Treasurer - IEEE Student Branch Eldoret, Kenya

**IEEE Student Branch, Eldoret, Kenya
2024 – current**

- Financial Reporting & Transparency: Preparing and submitting end-of-year financial statements and ensuring all branch activities adhere to financial guidelines.
 - Budget Management: Developing a detailed, balanced budget at the start of the fiscal year.
 - Fund Security: Promptly depositing all revenue received (membership fees, donations, event fees) into the student branch account.
 - Compliance: Ensuring all financial transactions are approved by the student branch chair and comply with IEEE bylaws.
 - Record Maintenance: Facilitating a smooth transition by turning over accurate financial records to the incoming Treasurer.
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IT Assistant / Junior Developer

**Uasin Gishu County, Eldoret, Kenya
05/05/2025 - 01/9/2025**

- Supported critical technical infrastructure, system maintenance, and administrative digital workflows to ensure operational continuity, system reliability, and efficient day-to-day institutional processes.
- Assisted in software deployment, system troubleshooting, and internal technology optimization, improving performance, reducing technical downtime, and strengthening organizational digital efficiency.

- Managed data records, supported digital documentation systems, and contributed to process digitization initiatives that enhanced data accessibility, workflow automation, and administrative modernization.
 - Collaborated in maintaining IT environments through hardware/software support, network functionality assistance, and structured technical problem-solving across departments.
 - Played a key role in strengthening foundational digital systems by supporting infrastructure resilience, process improvement, and technology-driven operational transformation.
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EDUCATION

Bachelor of Science in Computer Science

UNIVERSITY OF ELDORET

Second Class Upper Division

MASENO SCHOOL

Kenya Certificate of Secondary Education

GPA: Mean Grade (B)

MUDASA ACADEMY

Kenya Certificate of Primary Education

GPA: 404/500 Points (A)

CERTIFICATIONS & LEARNING PATH

- Data Camp Online
Data Analysis with Power BI
 - Cisco Online
Intro to Modern AI
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PROJECT WORKFLOW FOCUS

Backend Engineering Pathway

API Development → Authentication Systems → Database Design → Scalable Architecture
→ Deployment → Monitoring

Key Areas:

- Multi-Tenant API Systems
 - Payment Gateway Integration
 - Secure Authentication
 - Microservices Foundations
 - Cloud Deployment
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Data Engineering Pathway

Data Collection → ETL Pipelines → Storage Optimization → Transformation → Analytics
→ Visualization

Key Areas:

- SQL Optimization
 - Pipeline Automation
 - Data Warehousing Basics
 - Reporting Systems
 - Business Intelligence
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CAREER OBJECTIVE

To become a high-impact Backend Engineer specializing in scalable distributed systems, API-driven architectures, and high-performance data infrastructure. Focused on building reliable backend services that support complex applications, enhance system efficiency, and enable secure, data-driven operations across modern digital platforms.

INTERESTS

- Backend Systems Architecture
- Data Engineering
- Financial Technology
- AI Systems
- Cloud Infrastructure
- Hackathons
- Technical Research
- Fitness & Discipline Building