JAMES EKASIBA
Software Engineer

✉ jamesekasiba123@gmail.com | 📱 +254 112 233 367 | 👓 [LinkedIn](#) | 🖥 [GitHub](#) | 🌐 [Portfolio](#) | 📍 Nairobi, Kenya

---

PROFESSIONAL SUMMARY

Full-Stack Software Engineer with experience architecting and delivering scalable web applications and backend systems. Proven track record of leading development teams, improving system performance, and driving customer engagement through innovative solutions. Expertise in modern JavaScript/Python ecosystems, API integrations, and agile development practices. Successfully managed projects from conception to deployment, consistently delivering on time and exceeding performance metrics.

CORE COMPETENCIES

Technical Leadership • System Architecture • Performance Optimization • Team Management • API Design & Integration • Agile Development • CI/CD Implementation • Database Design • Code Review & Mentoring

---

TECHNICAL EXPERTISE

Languages: Python, JavaScript, Typescript, C++
Frontend: React.js,Next.js, HTML5, CSS3, Bootstrap, Tailwind
Backend: Django, FastAPI, Flask, Node.js
Databases: PostgreSQL, SQL
DevOps & Tools: Jenkins, GitHub Actions, CircleCI, Travis CI, Git
APIs & Integrations: RESTful APIs ,Mpesa, PayPal, Google Maps, Twilio
Design: Figma, Adobe Creative Suite, Blender

PROFESSIONAL EXPERIENCE

Full Stack Developer | Upwork (Remote)
August 2024 - Present

- **Team Leadership:** Direct and mentor a team of 4 developers, implementing agile methodologies and code review processes that improved code quality by 25%
- **Product Impact:** Spearheaded development of customer engagement features, resulting in 15% increase in user retention and 20% improvement in conversion rates
- **Performance Engineering:** Led code optimization initiatives, reducing system processing time by 10% and improving application response times
- **Project Management:** Consistently deliver complex projects on time and within budget, maintaining 100% client satisfaction rate across 8+ projects

Software Engineer | KAJ Technologies Limited, Nairobi
February 2023 - June 2024

- **Product Development:** Architected and implemented features that increased product functionality by 35%, directly impacting user experience and business metrics
- **API Integration Specialist:** Led integration of multiple third-party services (Mpesa, PayPal, Google Maps, Twilio), reducing data redundancy by 40% and improving system reliability
- **Process Automation:** Designed and developed automated solutions that eliminated manual processes, resulting in 20% increase in departmental efficiency and cost savings
- **Cross-functional Collaboration:** Partnered with product managers, designers, and stakeholders to translate business requirements into technical solutions
- **Project Leadership:** Managed API integration project from planning to deployment, coordinating with multiple teams and ensuring seamless implementation

Software Development Intern | Zetech University
May 2022 - August 2022

- **Full-Stack Development:** Developed and maintained both frontend and backend systems using modern web technologies
- **Infrastructure Management:** Configured and maintained network systems, reducing downtime by 15%
- **User Support & Training:** Provided technical support and training to 50+ users on software applications
- **System Administration:** Installed and configured development environments and productivity software across the organization

---

KEY PROJECTS & ACHIEVEMENTS

Moonlight School - Online Learning Platform

Lead Developer | [Live site](#)

- **Impact:** Built scalable e-learning platform capable of serving 1000+ active users with 95% uptime
- **Technical Achievement:** Optimized course recommendation algorithm, reducing load times by 20% and improving user retention by 30%
- **Architecture:** Designed responsive React frontend with Node.js backend, implementing real-time feedback systems
- **Features:** Course enrollment, progress tracking, instructor-student communication

Transcripto - AI-Powered Transcription Platform

Full-Stack Developer | [live site](#).

- **AI Integration:** Built intelligent audio-to-text platform using Google Speech Recognition API with 95% accuracy across multiple audio formats
- **Multi-language Support:** Implemented real-time translation engine supporting 5 languages (English, Swahili, Spanish, French, German)
- **Technical Stack:** Developed React frontend with Django REST API backend, featuring file upload optimization and asynchronous processing
- **User Experience:** Designed intuitive interface enabling users to upload, transcribe, and translate audio content in under 30 seconds
- **Performance:** Optimized audio processing pipeline to handle files up to 50MB with automatic format conversion (MP3, WAV, M4A, OGG)

Mill - E-commerce Platform

Full-Stack Developer | [live site](#)

- **Business Impact:** Developed B2B/B2C platform supporting diverse transaction models and inventory management
- **Security:** Implemented secure authentication, payment gateways, and data protection measures
- **Performance:** Optimized database queries and caching strategies, improving page load speeds by 25%
- **Integration:** Connected multiple payment providers and inventory management systems

---

EDUCATION & CERTIFICATIONS

Software Engineering Nanodegree | Moringa School

September 2021 - February 2022

- Intensive full-stack development program with focus on JavaScript, Python, React.js, and Flask
- Completed 300+ hours of hands-on coding and team-based projects
- Specialized in data structures, algorithms, and software architecture patterns

Bachelor of Science in Mechanical and Manufacturing Engineering

Technical University of Kenya

LEADERSHIP & COMMUNITY

Active Member | Programmers Club, Technical University of Kenya

April 2021 - October 2023

- Led coding workshops and hackathons for 50+ participants
- Mentored junior developers in JavaScript and Python programming
- Contributed to open-source projects and community-driven solutions

---

ACHIEVEMENTS & METRICS

- **35%** improvement in product functionality through feature development
- **20%** increase in departmental efficiency through automation solutions
- **15%** boost in customer engagement through innovative features
- **10%** reduction in system processing time through code optimization
- **100%** project delivery success rate with consistent on-time completion
- Led teams of up to **4 developers** across multiple concurrent projects

---

REFERENCES:

1) Nchore Anthony,
Place of work: NCBA bank (financial systems engineer)
Email Address: anthonynchore@gmail.com,
Contact: +254 715 153505

2) Nelson Muriithi,
Place of work: Moringa School (Technical Mentor),
Email Address: nelson.muriithi@moringaschool.com,
Contact: +254 723 564514