Donald Kiprop

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Portfolio: https://mi-porta-folio.netlify.app/
Nairobi, Kenya

Professional Summary

Innovative and results-driven Software Engineer with hands-on experience in full-stack development, including frontend, backend, databases, and cloud technologies. Proven ability to design, develop, test, and deploy scalable, high-performance systems using modern frameworks and best practices.

A distinguished Moringa School graduate, recognized for writing clean, maintainable, and reusable code, collaborating effectively with cross-functional teams, and delivering reliable, high-quality solutions that meet business and client requirements.

Technical Skills

- FrontEnd: React, Next.js, JavaScript, TypeScript, HTML5, CSS3, Tailwind CSS
- Backend: Python, Flask, Node.js, C#, RESTful APIs
- Databases: MSSQL, MySQL, PostgreSQL, Oracle, MongoDB
- Cloud Platforms: AWS, Azure
- Development Tools: Git, GitHub, VS Code, Postman, Chrome DevTools, Figma, Adobe Creative Suite

Work Experience

Freelance & Contract Projects – Full-Stack Software Engineer, *Feb 2023 – Present*

Key Responsibilities

1. Analyze business processes to identify workflow automation opportunities across customer onboarding, sales, and service touchpoints.
2. Developed 25+ web applications using React, Flask, Python and API technologies
3. Specialized in healthcare, travel, and productivity application domains
4. Maintained 100% client satisfaction rate with consistent project delivery
5. Implemented responsive designs ensuring cross-platform compatibility

Projects and Achievements

1. **MatatuConnect Travel Platform:** Comprehensive travel booking and vehicle registration platform for Kenya's transport system.
   Technologies*: React, Flask, SQLAlchemy, PostgreSQL, Payment APIs*
   Impact*: Streamlined booking process, improved passenger experience*
2. **Deliveroo Courier Services Enterprise:** Grade delivery management platform with intelligent courier assignment.
   Impact: *Improved delivery efficiency, reduced operational costs*
3. **VirtualCare Healthcare System:** Complete hospital management system with appointment booking and patient records.
   Impact: *Enhanced healthcare delivery, streamlined hospital operations*
4. **Doctor Notes Generator:** Professional medical documentation tool with digital signatures and branding.
   Technologies*: React, PDF Generation, Digital Signatures*
   Impact*: Automated documentation process, professional compliance.*
5. **LateShow:** A cinema and show listings application crafted for entertainment, demonstrating the ability to blend creativity with functional development and modern design.

Education
- Full-Stack Software Engineering, Moringa School. Graduated with Honors (Top 10%).
  - Intensive program covering React, Flask, Python, database management, and modern development practices

- Bachelor of Science in Computer Science Mount Kenya University (MKU): *2023 – Present.*
  - Comprehensive computer science education focusing on software development, algorithms, and system design. Coursework includes *programming*, data *structures, databases, and web development.*

Soft Skills
- Teamwork & Collaboration
- Strategic Planning
- Adaptability
- Problem Solving
- Communication
- Mentoring
- Project Management

Referees
1. William Ayim | Technical Mentor, Moringa School, odhisayim@gmail.com

2. Doris Jeptoo | CRM Engineer, NCBA Bank , kipropdoris@gmail.com

3. Evans Kimeli | Backend Engineer, Safaricom Plc , kipkoeche7@gmail.com

4. Justine Murkomen | Cloud Engineer, AWS Kenya Limited,

   Justinemukomen@gmail.com