Tabitha Wanjiku Mwangi

Software Developer

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📞 0798842641   📍 Nairobi, Kenya

🔗 Portfolio Website

in linkedin.com/in/tabitha-wanjiku-mwangi-a563661b2

⌨ github.com/tw8130

🪪 Profile

Highly motivated IT graduate with a solid foundation in **web development, software engineering, and networking**. Proficient in modern programming languages and frameworks, including **Python, Django, React,** and a wide array of database technologies. Passionate about crafting innovative technology solutions that enhance efficiency, streamline operations, and improve customer experiences. Possesses strong analytical and problem-solving skills, with a results-driven approach to projects. Eager to leverage technical expertise in contributing to the success of a dynamic, forward-thinking organization.

💼 Professional Experience

Dedan Kimathi University of Technology, Outreach Program (Computer Society of Kimathi)
02/2023 – 02/2024 | Nyeri, Kenya
- Actively engage fellow students to participate in the club's activities and recruit new members.
- Provide information about opportunities such as internships, scholarships, or certifications available in the IT field.
- Collaborate with the club's media team to promote events and share achievements on social media platforms.
- Collect and document feedback from members and external participants after events and present progress reports or recommendations to the club's leadership on outreach efforts.

THE Jitu, Software Engineer Trainee
05/2023 – 08/2023 | Nyeri, Kenya
- Successfully completed a rigorous software engineering trainee program focused on full-stack development.
- Acquired proficiency in core web technologies, including HTML, CSS, JavaScript, React.js, Node.js, and Microsoft SQL Server.
- Gained hands-on experience with advanced tools and concepts such as Redux, Redis server, introductory Docker usage, and microservice architecture.
- Collaborated with a team to design and develop a dynamic full-stack web application, gaining practical insights into the software development life cycle.
- Actively participated in an Agile environment, contributing to sprints and understanding SCRUM methodologies.
- Engaged in team meetings, code reviews, and brainstorming sessions to enhance problem-solving and debugging skills.
- Developed a strong foundation in both front-end and back-end technologies, enabling effective contributions to future software development projects.

🎓 Education

Bachelor of Science in Information Technology,
Dedan Kimathi University of Technology
Nyeri, Kenya
Award: Second Class Upper Division
Focus: Software Engineering, Web Development, Networking, and Information Security.

Software Engineering Immersive, Python Specialization, Moringa School
Nairobi, Kenya

Kenya Certificate of Secondary Education, Our Lady of Consolata Mugoiri Girls High School
02/2016 – 11/2019 | Murang'a, Kenya
Aggregate Grade: B (Plain)

🧠 Skills

Programming Languages
Languages like Python, JavaScript, C++, Java, C, HTML, CSS

Frameworks & Libraries
Frameworks like Django, React,Angular.js, Express.js, Node.js

Databases
Conversant with databases like PostgreSQL, MySQL,Microsoft SQL

Tools & Technologies
Tools like
Docker, Git, Microsoft Office Suite.

📁 Projects

Virtual School – Full Stack Developer
- Designed a comprehensive online school platform enabling teacher-student interaction, access to educational materials, and online exams.
- Developed RESTful APIs, SQL database models, and user-friendly dashboards.

GitHub Search – Web Developer
- Built a GitHub clone using Angular.js to search user profiles and repositories.
- Implemented a dynamic form for searching GitHub usernames and repositories.

Akhan Naming System – Web Developer
- Created a web application that calculates a user's Akhan name based on their birth date and gender using HTML, CSS, and JavaScript.

📄 Certificates

CCNA1 Networking Certification
Cisco Networking Academy

Linux Essentials Certification
Cisco Networking Academy

Certified in Full Stack Software Development
The Jitu, Kenya

Software Development Certification
Moringa School

DEKUT Startup and Incubation Centre Curriculum Completion
Dedan Kimathi University of Technology

🌐 Languages

English   ● ● ● ● ○

Kiswahili   ● ● ● ● ○

French   ● ● ○ ○ ○