

BRIAN KIMATHI

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CAREER OBJECTIVE

I am an enthusiastic and detail-oriented IT student with a durable foundation in software development, backend technologies, and cloud computing. I am currently pursuing a bachelor's degree in information technology at Kabarak University (graduating December 2025). Skilled in Python, Node.js, Flutter, and CI/CD pipelines, with hands-on experience in building efficient, scalable, and robust applications. I am eager to leverage my technical skills and passion for IT and digitization in a dynamic environment where I can contribute to impactful projects and initiatives aimed at driving digital transformation.

SKILLS

Programming Languages:	Python,	Node.js,	JavaScript,	Dart,	Golang
Frameworks & Libraries:	Flutter,	Express.js,	RESTful APIs,	flask	
DevOps & CI/CD:	Git,	GitHub,	Docker,	Jenkins,	CI/CD Pipelines
Databases:	MySQL,	MongoDB,	PostgreSQL		
Version Control:	Git,	GitHub			
Cloud & Hosting:	AWS,	Heroku,	Firebase		
Soft Skills:	Problem-solving,	Attention to Detail,	Teamwork,		
	Communication,	Project Management			

CERTIFICATIONS

ALX	SOFTWARE	ENGINEERING	CERTIFICATE
<i>Completed 12-month intensive software engineering course, July 2024</i>			
<i>Bachelor</i>	<i>of</i>	<i>Science</i>	<i>in Information Technology</i>
Kabarak University, Nakuru, Kenya. Expected Graduation: December 2025			

EDUCATION

High	School	Diploma
Nyeri Baptist High School, Nyeri, Kenya Grade B-		

Primary	School	Education
Rugusu Primary School, Meru, Kenya, Marks 354		

PROJECTS

Hospital	Prescription	Management	System	API
<i>Technologies: Flask, MySQL (SQLAlchemy)</i>				

Developed a RESTful API to manage prescriptions for hospitals, enabling streamlined communication between doctors and pharmacies. Deployed the system on Heroku for live accessibility.

Impact: Enhanced hospital operations by reducing prescription processing times by 30%.

MomHive

Technologies: Flask, MySQL (SQLAlchemy), Redis, Flask-SocketIO, Kafka, Heroku

Created and deployed a community-driven platform for mothers, facilitating communication, support groups, and advice sharing. Utilized Redis for caching and Flask-SocketIO for real-time interactions. Fully deployed on Heroku.

Impact: Increased engagement by 40% within the first two months of launch.

Student	Grading	System
<i>Technologies: Python, Node.js, MySQL</i>		

Collaborated with a team to develop a comprehensive student grading system for a university project. Enabled teachers to enter, update, and analyze student grades, providing real-time insights and reports.

Impact: Improved the efficiency of grade entry and report generation for academic staff.

VOLUNTEERING & COACHING

Volunteer	Design	Tutor
SHECODE,		Kenya
<i>Dates:</i>	<i>September 2022 - January 2023</i>	

Led workshops to tutor SHECODE participants in UI/UX design principles, focusing on improving design skills using Figma. Provided hands-on mentorship to enhance proficiency in design tools and techniques.

Student	Design	Coach
Kabarak University,	GDSC	Android Club
<i>Dates:</i>	<i>October 2023 - Present</i>	

Mentored university students on UI/UX design fundamentals using Figma.

Facilitated design thinking sessions and guided students in developing user-centric mobile app designs.

HOBBIES & INTERESTS

Indoor games such as chess

Bike riding, Hiking and Swimming