

Joseph Njoroge Njenga

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☞ [Portfolio](#) | [GitHub](#)

Career Objective

Ambitious and innovative software engineer and project manager with a strong foundation in full-stack development and project planning. Passionate about designing scalable solutions, managing cross-functional teams, and delivering impactful digital products. Eager to leverage technical expertise, problem-solving skills, and project management acumen to drive organizational success and innovation.

Education

- **Bachelor of Project Planning and Management**
 - *Karatina University, Kenya* | Expected Graduation: 2027
 - **Software Engineering Program**
 - *ALX Holberton School* | Expected Graduation: 2025
 - **High School**
 - *Thika High School - KCSE*
 - **Primary School**
 - *Gatuma-ini Primary School - KCPE*
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Technical Skills

Programming Languages:

C, C++, Python, Java, JavaScript, TypeScript, HTML, CSS, SQL, Bash.

Frameworks & Libraries:

React.js, Node.js, Express.js, Bootstrap, Tailwind CSS, MongoDB, Firebase.

DevOps & Tools:

Git, GitHub, Docker, Kubernetes, CI/CD pipelines, Postman, VS Code.

Databases:

MySQL, PostgreSQL, MongoDB Atlas.

Project Management:

Agile methodology, SCRUM, Gantt charts, Trello, Jira, Risk analysis, Stakeholder communication.

Other Tools & Technologies:

Linux (Kali Linux), RESTful APIs, GraphQL (basic), Nodemailer, Cloud Hosting (Render, Railway).

Soft Skills:

Leadership, problem-solving, adaptability, critical thinking, effective communication, time management.

Professional Experience

Freelance Developer & Student

Self-employed | June 2022 – Present

- Spearheaded the development of multiple full-stack projects, integrating responsive UIs with robust backend systems.
 - Consulted on software solutions for small businesses, focusing on scalable and user-friendly applications.
 - Gained hands-on experience in API design, database management, and cross-functional collaboration.
 - Balanced academic commitments with freelancing to enhance technical expertise and deliver quality outputs.
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Projects

Kubiu Outfitters (*Lead Developer*)

- Developed a full-stack professional e-commerce platform.
- Integrated a user authentication and an intuitive UI.
- Technologies used: React.js, Node.js, MongoDB, Firebase.

Steganography Research (*Collaborator with Anonymous Kenya – PH16*)

- Explored and implemented advanced techniques to hide sensitive data within multimedia files.
- Documented findings and demonstrated practical use cases.
- Tools and languages: Python, Cryptography libraries, OpenCV.

Codefolio (*Lead Developer*)

- Designed a personal portfolio showcasing technical skills, projects, and professional achievements.
- Backend APIs for projects, blogs, and contact submissions hosted on Render.
- Technologies: React.js, Node.js, MongoDB, CI/CD pipelines.

Additional Projects:

- Numerous GitHub repositories showcasing diverse software solutions, including CRUD applications, data visualization tools, and more. [Explore my GitHub](#) for details.
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Hobbies & Interests

- Software Engineering: Open-source contributions, hackathons, blogging about technology.
- Project Management: Developing Gantt charts, process optimization, team collaboration.

- Cybersecurity: Exploring vulnerabilities, ethical hacking techniques, and cryptography.
 - Continuous Learning: Attending webinars, mastering new frameworks, and engaging in coding challenges.
 - Creative Problem-Solving: Building side projects to automate daily tasks.
 - Mentorship: Guiding beginner developers and participating in community coding groups.
 - Tech Humor: Enjoying memes and lighthearted content related to coding and software bugs.
 - Other Interests: Gaming, UI/UX design, and experimenting with emerging technologies like AI and blockchain.
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References

- **PH16**
Anonymous Kenya Research Collaborator
 - **Elton Wahinya**
Project Collaborator- Kubiu Outfitters
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