Patrick Kabuga Murimi

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EDUCATION

Bachelor of Science, Computer Science   **2025**
University of Eldoret   Eldoret, KENYA

Udacity Full stack JavaScript Scholarship Nano degree   **December 2022 - Present**
- The fast-paced setup of the program allowed me to learn how to deal with high pressure situations.

CS50x Alumnus   **May – December 2022**
Harvard's CS50   Cambridge, Massachusetts
As a CS50 Scholar, I got a deeper insight into the intellectual enterprise of computer science.
- Learned how to develop a consistent coding style to promote maintainability and scalability.
- Put into practice what I learned in the 12-week program and developed a final full-stack project. The final project culminated almost all of the critical computer science concepts we learned, and I enjoyed their entire development process.

KEY SKILLS

- ✓ HTML & CSS
- ✓ JavaScript ES6+
- ✓ React
- ✓ Typescript
- ✓ NodeJs
- ✓ ExpressJs
- ✓ Jasmine
- ✓ PostgreSQL
- ✓ Github

PROJECT EXPERIENCE (IF APPLICABLE)

Image Processing API   ***Dec 2022 - Present***
- I put together an image processing API that can be used as a micro service in large applications.
- Resizes images according to the users' preferences and displays them.

Storefront Backend API   ***Dec 2022 - Present***
- Developed the backend of an e-commerce API, which can be leveraged for an e-commerce site.
- Handles security through authentication and authorization, and is built with the prospect of scalability.

Cipher Web App   ***Sep - Dec 2022***
- Developed a cipher based on the Caesar cipher that encrypts and decrypts data.
- The app allows for storage of sensitive data securely.

PROFESSIONAL EXPERIENCE

GDSC Web Development Lead   2022 - Present
Google Student Developer Clubs   Eldoret, Kenya
- Taught the fundamentals of web development, including HTML, CSS, and JavaScript, to 15-20 students.
- Guided 10 students through the development of their own web projects and provided individualized feedback and support to help them improve their skills.