

STEPHEN OUMA

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SOFTWARE ENGINEER

I am a software engineer who is passionate about building cool stuff and creating technology that makes a difference. I enjoy working on projects that utilize both front-end and back-end technologies to create seamless user experience. Seeking opportunities to collaborate and to help solve complex technical challenges and deliver innovative solutions.

TECHNICAL SKILLS

Programming languages: C, Python, PHP, JavaScript, TypeScript, Dart

Web development: HTML5, CSS3, JavaScript

Frameworks: Flutter, React, Next.js, Express.js, Node.js, Django, Laravel

Database management: MySQL, MongoDB

Tools and Technologies: Git, GitHub, Visual Studio Code, Docker, Figma, Adobe creative cloud

SOFT SKILLS

Problem Solving | Time-management | Strong oral and written communication skills | Leadership | Team Collaboration | Analytical thinking | Attention to details | Strong presentation skills | Proficient in Swahili & English

PROFESSIONAL EXPERIENCE

Freelance Software Engineer

June 2024 - Present

Upwork

- **Software development:** Writing clean, efficient and maintainable code. Developing web, mobile applications based on client specifications.
- **Testing and Debugging:** Performed unit, integration and system testing while debugging and resolving software issues.
- **Collaboration and Teamwork:** Collaborated with other engineers and diverse clients on to develop custom software solutions tailored to their business needs.
- **Communication:** Communicated effectively with clients to gather requirements, provide progress updates and deliver final products. Gathering feedback and making necessary adjustments.
- **Research and Learning:** Keeping up-to-date with new technologies and industry trends. Applying new knowledge to improve software quality and efficiency.

Freelance Graphic Designer

August 2023 – Present

Upwork

- **Project collaboration:** Collaborated with a wide range of clients, from startups to established businesses, to develop custom branding materials, including logos, business cards, and marketing collateral. Designed a brand identity for a boutique, increasing brand recognition and customer engagement.
- **Web design:** designed visually appealing and user-friendly websites, focusing on responsive layouts and intuitive navigation for optimal user experience. Designed a website for a photographer, leading to increase in client inquiries and bookings.
- **Illustrated infographics:** Conceptualized and illustrated original artwork for print and digital media, including posters, brochures, and digital illustrations.
- **Brand strategy communication:** Provided clients with comprehensive brand strategy consultations, guiding them on visual identity, color schemes, typography, and brand messaging. Conducted a brand research for small businesses, resulting in a clearer brand vision and cohesive brand representation.

PROJECTS

The Simple Shell

- A basic shell that prints a prompt, waits for user to enter command and prints what they entered on the next line. Simple shell is written in C. It turns basic commands, interacts with the operating system and introduces users to core concepts of process management and input/output operations.

The AirBnB Clone

- Built a clone of the AirBnB website and covered the following during the development process. A command interpreter to manipulate data without a visual interface, like in the Shell project, website (front-end) that shows the final product to everybody, back-end using flask framework, a database (MySQL) and an API that provides a communication interface between the front-end and the data.

Real Estate Website

- Developed a fully responsive mock real estate website to showcase property listings, utilizing HTML5, CSS3, JavaScript and jQuery. Implemented interactive elements such as image carousels, property filters and search functionality.

Personal Website

- Designed my portfolio website to showcase my projects and skills. Utilized HTML5 and CSS3 for structure and styling and implemented dynamic content and user interaction using JavaScript. Built a server using Node.js to handle form data.

EDUCATION

Software Engineering Power Learn Project (PLP)	May 2024 - Sept 2024
Software Engineering ALX AFRICA	Aug 2023 - Sept 2024
Graphic Design Laton Impression Training Institute	2023
Degree in BSc Biochemistry University of Nairobi	2018 - 2022
High School Dagoretti High School	2014 - 2017

REFEREES

Available upon request