

**Allan Kiplagat**  
**Software Developer**

**Contact**

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**About Allan**

Experienced Software Developer adept in bringing forth expertise in design, installation, testing and maintenance of software systems. Equipped with a diverse and promising skill-set. Proficient in various platforms, languages, and embedded systems. Experienced with the latest cutting edge development tools and procedures. Able to effectively self-manage during independent projects, as well as collaborate as part of a productive team.

**EXPERIENCE**

**Web Developer Intern at Smartguard, Nairobi**

*May 2023 – Present*

- Collaborated with a team of talented developers to implement robust RESTful APIs in Node.js and Express, enabling the creation of highly scalable full-stack web applications.
- Spearheaded the development of a comprehensive unit testing infrastructure for a client application, resulting in a significant reduction in reported bugs and enhanced software quality.
- Played a key role in architecting and designing efficient and elegant solutions, ensuring optimal performance and user experience.
- Received recognition for consistently delivering high-quality code within tight deadlines, contributing to the overall success of projects.

**Open Source Contributor**

*January 2022 – March 2023*

- Engaged in a challenging three-month endeavor to contribute to an open source project focused on data visualization. Demonstrated exceptional skills in data visualization and meticulous attention to detail.
- Collaborated with the project community to enhance and optimize data visualization capabilities, leveraging open source tools and frameworks.

- Contributed to the development of advanced data scraping functionalities within the project, utilizing open source web scraping libraries like Scrapy and BeautifulSoup.
- Applied social media sentiment analysis techniques to extract valuable insights, facilitating actionable recommendations for users to enhance their online presence and engagement.
- Received recognition for effectively collaborating with cross-functional teams, ensuring seamless integration of open source data visualization solutions into the project's user interface.

### **Freelancing at Upwork & Fiverr, Nairobi**

*January 2020 – Present*

- Established a thriving freelance career, delivering exceptional results across diverse projects and industries.
- Demonstrated adaptability and a rapid learning ability by quickly grasping complex concepts and efficiently executing tasks.
- Garnered a stellar reputation for consistently exceeding client expectations and delivering high-quality work within specified timelines.
- Secured a large client base through positive reviews and referrals, establishing a strong professional network and reputation as a reliable and skilled freelancer.

## **EDUCATION**

***Multimedia University of Kenya, Nairobi***

***BSc Mathematics and computer science (statistics option)***

*October 2020 – April 2024*

As a dedicated mathematics and computer science student, I have cultivated a robust learning experience characterized by a strong foundation in both disciplines. Through rigorous coursework and practical projects, I have honed my analytical thinking, problem-solving abilities, and programming skills. By immersing myself in various mathematical concepts and computational techniques, I have gained a deep understanding of algorithms, data structures, and their applications. My continuous pursuit of knowledge, coupled with a passion for innovation, has driven me to stay updated with the latest advancements in mathematics and computer science.

***Microverse, Remote full stack development program May 2022 – December 2022***

Spent 1000+ hours mastering algorithms, data structures, and full-stack development while simultaneously developing projects with Node.js, JavaScript, React, and Redux.

Developed skills in remote pair-programming using GitHub, industry standard git-flow, and daily standups to communicate and collaborate with international remote developers.

## **SKILLS**

**Front-End:** JavaScript, React, Redux, HTML5, CSS3

**Back-End:** Node js , Python, MySQL ,MongoDB

**Tools & Methods:** Git, GitHub , Responsive Development ,Netlify

**Professional:** Remote Pair-Programming, Teamwork