

# Gloria Chirchir

Experienced software engineer with a focus on building engaging & accessible digital experiences.

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## Relevant Experience

Software Developer • **Autodrop3d** Jan2023 - March 2024

### Front-End Developer

- Elevated user experience and interface design through a comprehensive overhaul of the front-end client.
- Designed and developed custom client software for secure communication with printers that enables dial-back functionality from the printer

### Back-End Software Developer

- Map subdomains to specific printers via proxy server. Enable Tunnelling without firewall configuration. DNS records and routing rules.
- Implemented a 3D Gcode rendering component, delivering unparalleled precision, performance, and user interaction capabilities.
- Championed a proactive approach to software quality assurance, meticulously identifying and resolving issues to bolster system stability and reliability.

Freelance Developer • **Fiverr** July2022 - Present

- As a Level 2 Seller with over 29+ ratings averaging 5 stars, I have built and delivered technical solutions tailored to stakeholder business requirements, ensuring high satisfaction and repeat business.
- Collaborated with other developers and engineers on projects to create new brands, design systems, and websites for organizations.

Kenya Power Internship • **Kenya**. July - Dec 2021

- Managed fiber infrastructure, including stringing, splicing, and testing.
- Ensured uninterrupted internet connectivity for all customers.
- Integrated new computers into the domain network. Performed preventive maintenance.
- Installed and configured software.  
Set up and maintained video conferencing units.
- Managed IP phones.
- Administered user accounts.
- Configured and troubleshooted networking devices.
- Handled LAN and WAN cabling, ports, and IP addresses. Structured, configured, and troubleshooted the LAN. Managed SCADA functions and applications.

## Skills

### Programming Languages

JavaScript, Typescript, HTML, CSS

### Libraries & Frameworks

React, Next.js, Node.js, Gatsby, GraphQL, Tailwind CSS, Material UI, Chakra UI, Styled Components

### Tools & Platforms

Git, GitHub, Netlify, Vercel, Heroku, AWS, WordPress, Firebase, Docker, Webpack, Figma

## Selected Projects

### Huggify Web App

Online dating and social connection platform that emphasizes matching users based on their preferences and location. It offers features like in-app messaging, push notifications, and location-based services. Built using Next.js, CSS

### Protectee Planner Web App

Web application designed for security professionals to facilitate site planning and diagramming. It offers tools for creating detailed plans, including the ability to produce, upload, and share 3D content tailored to specific site security needs. Built using Next.js, Node.js, Unity, CSS.

### Zeah Store Web App

Game store where users use Zeah currency to purchase items in the in game store. Built using React.js, Material UI, Node.js

## Education

### Chuka University

Bachelor of Science in Computer Science

## Interests

Science, skating, reading novels