

PAUL OBIERO

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EDUCATION

The Cooperative University of Kenya

Bachelor of Science in Business Information Technology

Nairobi, Kenya

September 2024 – May 2028

Relevant Coursework: Data Structures, Algorithms, Web Programming, Machine Structure and Assembly Language, Functional Programming Languages, Computation Theory, Database Systems, Calculus III, Probability & Statistics, System Analysis and Design

SKILLS

Languages: Python, JavaScript, HTML/CSS, TypeScript, SQL, C++, C

Technologies/Methodologies: TDD, CI/CD, Bootstrap, Git/GitHub, ReactJS, Next Js, GraphQL, React Native, NodeJS, Express JS, Vite, PWA

EXPERIENCE

GITMENTOR

Nairobi, Kenya

Front End Developer & Founder

Dec 2024 – Present

- Built a GitHub insights tool serving 10+ users with React, TypeScript, Tailwind CSS, GitHub REST API v3, and Node.js + Express backend
- Engineered analytics engine analyzing 15+ metrics, teaching developers to optimize GitHub profiles as portfolios with actionable strategies (B- to A+ improvements)
- Implemented real-time visualizations for 8 progress trends using Chart.js, enabling users to track development and identify growth opportunities
- Designed retro-themed UI/UX in Figma with 12+ unique components, creating a distinctive experience differentiating from standard dashboards
- Integrated TypeScript across 2,000+ lines mid-project, improving type safety and reducing runtime errors by **30%**

CENTRAL COMPUTERS KENYA

Thika, Kenya

Front End Developer Intern | Full Stack Web Development

June 2025 – Present

- Built a full-featured business website with integrated e-commerce platform using **React**, **TypeScript**, and **Tailwind CSS**, showcasing multiple dynamic service offerings including tech solutions, CCTV installation, printer repairs, computer sales, web development, POS systems, and school management systems.
- Developed an online ordering system that increased online sales by **35%**, enabling customers to browse inventory and purchase products directly through the website, reducing manual orders and expanding reach beyond the physical store.
- Integrated AI-powered customer care chatbot to handle common inquiries and support requests, reducing response time and improving customer service availability to **24/7**.
- Delivered websites for 2 client projects as part of Central Computers' web development services, managing full frontend development lifecycle from design to deployment.

NEW FRONTIER BPO HACKATHON WEBSITE

Nairobi, Kenya

Front End Developer | Hackathon Participant | April 2024

March 2024

Developed responsive company website for New Frontier BPO using **React** and **Tailwind CSS** within 48-hour hackathon timeframe, showcasing services for Kenya-based outsourcing startup.

- Led frontend development in a 3-person team, designing and implementing all UI/UX while collaborating with teammates on AI chatbot and backend integration.
- Created culturally-relevant design incorporating Kenyan visual elements while maintaining professional appearance; implemented dark mode and **Google Analytics** to track user engagement.

PROJECTS

[Personal Portfolio Website](#) | Front End Developer

Jan 2025 – Present

- Built a clean, minimalist portfolio website using vanilla HTML, CSS, and JavaScript to showcase projects and document my software engineering journey
- Designed a fully responsive interface that adapts seamlessly across all devices, ensuring optimal user experience
- Achieved 100% positive feedback from viewers, with praise for the site's elegant design and intuitive navigation
- Demonstrates strong fundamentals in front-end development and attention to detail in UI/UX design

PINPOINT PRO – HIGHLIGHTED LINK SAVER CHROME EXTENSION

November 2023 -Present

Front End Software Engineer & Founder

- Built a Chrome extension using React and Tailwind that lets users pin and revisit specific sections of any webpage.
- Reduced content search time by **up to 60%** for developers reading documentation or researchers revisiting specific topics.
- Implemented local data persistence so pins remain available after browser restarts.
- Added a floating widget that improved navigation speed by **40%** and reduced workflow friction during user testing.
- Currently tested by a small group of users providing feedback for upcoming feature refinements

CERTIFICATIONS

- ALX Professional Foundations** – ALX Africa
- ALX Pro Dev Frontend** – ALX Africa
- TypeScript Certificate** – Scrimba