

# Dennis Wambua

Nairobi, Kenya

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[Portfolio](#)

## Skills

I am a highly motivated software developer with a strong foundation in JavaScript and a passion for automation and tooling. My expertise includes React, React Native, JavaScript, HTML, CSS, MySQL, and blockchain-based smart contract development. I am proficient in tools such as Git, Foundry, OpenZeppelin, and have experience integrating REST and GraphQL APIs. I thrive in collaborative environments and excel at creating efficient, user-friendly applications that streamline workflows and exceed client expectations.

## Experience

SEPTEMBER 2023 - DECEMBER 2023 [3 Months, Internship]

**Safety Plus Internship** / Safety Plus Kenya

- Conducted safety audits and assessments to ensure compliance with occupational safety standards.
- Assisted in creating and implementing workplace safety training programs for employees.
- Supported the development of risk management strategies to reduce workplace incidents.

JANUARY 2023 - MAY 2023 [5 Months, Part-Time]

**Web Developer** / Morphosis Ltd

- Delivered high-quality web solutions by designing and developing dynamic websites using React.js and modern frameworks.
- Conducted rigorous testing to ensure functionality, scalability, and responsiveness.
- Utilized JavaScript, CSS, PHP, and backend technologies to ensure seamless integration and reliability of web solutions.

AUGUST 2022 - DECEMBER 2022 [5 Months, Final Year Project]

**Mobile App Developer** / StationScout

- Developed a mobile application in React Native as part of a final-year academic project. The app helps users locate petrol stations nearby with Google Maps API integration.

- Incorporated Firebase Firestore for secure data storage and Clerk for seamless user authentication.
- Designed custom map styles and implemented geocoding to enhance location-based features and user experience.

## Education

2021 - 2024

### **Gretsa University**

#### **Bachelor of Science in Computer Science :**

Specialization: Software Development

Thesis: "Innovative Approaches to Efficient and Scalable Computing Solutions"

Thesis: "Advancements in Web and Blockchain Technologies"

2017 - 2020

### **KCSE / Butere Boys High School**

## Volunteer Work

### **Google Developer Core Team Students Club Lead**

July 2023 - July 2024

- Fostered a collaborative learning environment by mentoring students, helping them enhance their development skills and technical knowledge.
- Empowered club members to leverage technology for community impact by organizing workshops, tech talks, and events.
- Acted as a liaison between Google Developer Groups and students, facilitating opportunities for professional growth and networking.
- Coordinated collaborative projects, hackathons, and coding sessions to promote hands-on learning experiences for members.

## Relevant Projects

### **ChainFund**

- Built a DAO crowdfunding web application for sending contributions.
- Developed the frontend interface using React for seamless user interaction.

## Web3 Dev Tools

- Developed smart contracts using Foundry and OpenZeppelin.
- Utilized Alchemy's Ethereum RPC for secure blockchain integration.
- Generated Ethereum addresses from private keys with seamless user input.

## Technical Skills

- **Programming Languages:** JavaScript, HTML, CSS, Python (scripting), MySQL
- **Frameworks & Libraries:** React, React Native, OpenZeppelin, Foundry
- **Automation Tools:** Google Apps Script, Git
- **APIs:** REST, GraphQL
- **Development Practices:** Version control, automation scripting, API integrations, and software testing

## Soft Skills

- Strong analytical and problem-solving abilities
- Keen attention to detail and excellent documentation skills
- Effective communication and collaboration abilities
- Self-motivated with a proactive learning mindset
- Enthusiasm for process optimization and automation opportunities