

Chrispine Oburu

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GitHub: <https://github.com/chrisOburu>

Portfolio: <https://chrisoburu.github.io/my-personal-website>

Summary

Detail-oriented Full Stack Developer with experience in designing, developing, and implementing web-based applications and solutions using a wide range of technologies. Proficient in both front-end and back-end development with expertise in JavaScript, React, Node.js, Python, Flask, and PostgreSQL. Strong advocate of responsive design, clean code, and best practices. Passionate about building scalable applications and solving complex problems.

Technical Skills

- Frontend: HTML5, CSS3, JavaScript, React.js, TypeScript, Bootstrap, Material-UI
- Backend: Flask, Python, Django.
- Databases: PostgreSQL, MySQL
- API Development: REST, GraphQL, JSON, JWT, OAuth
- Version Control: Git, GitHub, GitLab
- DevOps: Netlify
- Testing: Mocha, PyTest, Selenium, Postman
- Other: BeautifulSoup, BeautifulSoup4, BeautifulSoup5, Web scraping, web crawling, pandas, NumPy, Linux

Professional Experience

Full Stack Developer

FinTutor, Nairobi — 08/2024 - Present

- Developed and maintained full-stack web application using React, Flask, and PostgreSQL and optimizing database queries.
- Designed and implemented RESTful APIs for seamless interaction between the frontend and backend systems.
- Built and enforced authentication and authorization systems with JWT/OAuth to enhance application security and manage user access.

- Implemented robust data validation and error-handling mechanisms to improve system reliability and user experience.
- Designed and implemented a responsive and user-friendly front-end interface using React and CSS3, creating a seamless and engaging user experience.
- Utilized modern JavaScript (ES6+) features and React hooks for efficient state management, improving code maintainability and performance.
- Built reusable component libraries to standardize design elements, enhancing development speed and consistency across the application.
- Integrated with back-end APIs using Axios/Fetch to display and update data in real time, ensuring data-driven content and user interactions.

Education

- Software Engineering, 2024
Moringa Coding School
- Bsc. Electrical and Electronics Engineering, 2021
The University of Nairobi
- Kenya Certificate of Secondary Education, 2014
Kakamega School
- Kenya Certificate of Primary Education, 2010
Ojolla Primary School

Projects

ArtVista App

- A platform for creative professionals to showcase their projects and receive feedback. Built with React, Flask, and PostgreSQL. Includes JWT-based authentication, a rating system, and real-time notifications.

PataKazi Website

- Designed and developed a fully-functional job listing web application using React, Node.js, and Flask.

Personal Portfolio

- A personal website showcasing my projects, built using html, CSS and JavaScript and deployed on Netlify. Features a blog section, project showcases, and a contact form.

Interests

- Poverty eradication
- Artificial Intelligence
- Automation of work
- Playing Football