

Austine John Ochieng

Personal details

Name

Austine John Ochieng

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LinkedIn

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Github

github.com/Austine-john

Languages

English

Swahili

Soft Skills

- Adaptability
- Critical Thinking
- Problem Solving
- Team Work
- Effective Communication

Profile

Software Engineer with experience contributing across development and quality assurance in building reliable, scalable systems. Skilled in requirements analysis, test design, API validation, and design verification, with a growing focus on backend systems and data-driven architectures. Brings a strong analytical mindset, collaborative approach, and commitment to building robust, maintainable software.

Education

BSc. Computer Science

Cooperative University of Kenya, Nairobi

Oct 2021 - May 2025

Secondary Education

Maranda High School

Jan 2017 - Apr 2021

Software Engineering

Moringa School, Nairobi

May 2025 - Jan 2025

Experience

Intern Front-End Developer

Smart Applications international, Nairobi

May 2024 - Aug 2024

- Collaborated with backend developers to optimize API integrations, improving system reliability and performance.
- Conducted research on UI/UX trends to improve application design and user experience.
- Led the data analysis process to develop a KYC system, enabling organizations to efficiently enroll employees into insurance schemes.
- Utilized structured data analysis to optimize identity verification and streamline enrollment workflows, ensuring compliance with regulatory standards.

Junior Quality Assurance Engineer

Konvergenz Network Solutions, Nairobi

Oct 2025 - Present

- Designed and maintained test scenarios and test cases for healthcare systems, ensuring comprehensive coverage of core workflows, edge cases, and regulatory requirements.
- Conducted design validation (UI/UX) by reviewing Figma designs against functional requirements to identify gaps, inconsistencies, and usability risks prior to development.
- Prepared and delivered test reports summarizing test coverage, execution outcomes, defects, and overall system quality status.

Technical Skills

Programming Fundamentals: Python, Javascript, Java, C++

**Database Management Systems: MySQL, PostgreSQL, MongoDB,
SQLite,**

Machine Learning & AI

Frontend Frameworks: React, Angular, Bootstrap, Tailwind CSS

Backend Frameworks: Nodejs, Express Js, Django, Flask

Testing Automation Frameworks: Selenium, Playwright

Certifications

Frontend Web Development

Jun 2023 - Sep 2023

NIBS Technical College

- Built responsive, user-friendly websites using HTML5, CSS3, and JavaScript.
- Applied responsive design principles to ensure compatibility across desktop and mobile devices.
- Utilized Bootstrap to accelerate development of modern, visually appealing layouts.
- Implemented form validation and interactive UI components to enhance user experience.
- Deployed projects to live hosting environments, ensuring cross-browser compatibility.

MERN full Stack Development & GenAI

Sep 2024 - Nov 2024

Udemy

- Developed and deployed full-stack web applications using MongoDB, Express.js, React, and Node.js.
- Designed responsive and interactive frontend UIs with React, integrating them seamlessly with RESTful APIs.
- Built secure backend services with Node.js and Express, implementing authentication and CRUD operations.
- Integrated Generative AI APIs to enable dynamic text and image generation features within applications.
- Implemented state management with Redux for scalable and maintainable React apps.
- Deployed applications to cloud platforms, ensuring performance optimization and accessibility.

Projects

KYC (Know Your Customer) system

Angular, REST API, EDA

- Collaborated with backend developers and a cross-functional team to design and implement a KYC system for employee insurance enrollment.
- Contributed to front-end development using React and optimized REST API integration.
- Assisted in structured data analysis to improve identity verification processes, streamline enrollment workflows, and meet regulatory compliance requirements.

Human Resource Management system

React, Postgresql, Flask, Tailwind CSS

- Developed a web HRM platform to manage employee records and organization workflows.
- Developed a RESTful API with Django REST Framework and Postgresql for secure and scalable backend operations, including authentication and role-based access.
- Built a responsive frontend with React and Tailwind CSS to deliver intuitive dashboards for HR managers and employees.
- Streamlined HR workflows with features for employee registration, leave management, updates, and record-keeping, improving efficiency and data consistency.

Smart Expense Tracking System

React, Tailwind CSS, MongoDB, OpenAI API, Node js, Express js

- Built an AI-powered expense tracking system that helps users monitor, categorize, and optimize spending habits.
- Developed a responsive frontend with React and Tailwind CSS for a clean, user-friendly interface.
- Implemented a Node.js and Express.js backend with MongoDB to securely store and manage user transactions.
- Integrated OpenAI API to generate automated financial reports and personalized insights, helping users make better budgeting decisions.
- Added expense categorization, monthly summaries, trend visualization, and smart recommendation features to enhance financial awareness.

References

Available Upon Request