

Austine John Ochieng

Personal details

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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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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