

CHUKWUMA PASCAL ONUOHA

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EDUCATION

African Leadership University,
Bachelor of Science in Software Engineering,

Kigali, Rwanda
July 2025

GPA: 4.72/5.00

Relevant coursework: Enterprise Web development, Low-level Programming, Machine Learning and Artificial Intelligence, Human-Centered design, Data Structures and Algorithms, Linux Programming

RELEVANT EXPERIENCE

ThinkGreen-Afrika - CTO and Lead Full Stack Developer | Kigali, Rwanda

August 2024 - Present

- Spearheading front-end development for a startup platform serving 1500+ active users, resulting in a 40% increase in user engagement and improved session duration while also serving as CTO
- Architected and implemented responsive UI components using React.js, leading to a 25% reduction in page load times and enhanced mobile experience
- Orchestrating seamless integration of third-party APIs, implementing asynchronous data fetching with AJAX to optimize performance
- Established Git workflow best practices for a team of developers, reducing merge conflicts by 60% and streamlining the deployment process
- Implemented comprehensive unit testing strategies, achieving 90% code coverage and reducing post-deployment bugs by 35%

Lifeline - Front End Engineer | Kigali, Rwanda

September 2023 - January 2024

- Worked closely with product managers and UI/UX designers to translate complex requirements into intuitive, visually engaging interfaces.
- Built dynamic, modular, and reusable components using **React.js** and **Next.js**, reducing development time for new features by 15%.
- Implemented pixel-perfect front-end solutions with **HTML5**, **CSS3**, and **JavaScript**, ensuring mobile-first responsiveness and cross-browser compatibility.
- Integrated APIs and optimised client-side state management to deliver seamless user experiences.
- Participated in QA and testing cycles, identifying and resolving UI/UX issues before release.
- Maintained documentation and contributed to design systems, ensuring consistency across projects.

Puzzle Labs - Full Stack Developer | Oklahoma, USA

May 2023 - September 2024

- Collaborated with cross-functional teams to design, develop, and deploy scalable web applications for clients across fintech, health, and logistics.
- Built and maintained RESTful APIs and microservices in **Node.js** and **Express**, ensuring seamless integration with client systems.
- Developed responsive and accessible user interfaces with **React**, **Redux**, and **TailwindCSS**, enhancing client platforms' usability and performance.
- Optimised MongoDB queries and schema design, improving application performance and scalability by 20%.
- Applied Agile/Scrum methodologies, contributing to sprint planning, daily stand-ups, and code reviews to ensure timely project delivery.
- Leveraged Git/GitHub for version control, managing collaborative repositories, and CI/CD workflows.

Mira Technologies - Software Engineer, Data Tools | Lagos, Nigeria

December 2022 – February 2024

- Designed, developed, and maintained a suite of internal web-based data annotation tools using Python (FastAPI) and React, serving both in-house data scientists and external contractors.
- Reduced manual data processing time by 40% and improved data consistency by automating ingestion, validation, and export workflows for machine learning models.

- Built and maintained REST APIs to allow seamless integration between the annotation platform and other internal data systems, ensuring high data integrity.
- Collaborated closely with Perception and ML teams to gather requirements, iterate on tool features, and implement quality control mechanisms that decreased annotation error rates by 25%.
- Managed the deployment and scaling of tools using Docker and Kubernetes on a GCP environment, ensuring 99.9% uptime for critical services

Pahylcon Tech - Web Development Intern | Genk, Belgium

February 2021 – April 2021

- Developed and deployed 3 full-stack web applications using modern JavaScript frameworks, serving 500+ users each
- Implemented comprehensive unit testing strategies, achieving 90% test coverage for assigned modules
- Contributed to the redesign of the company's client portal, improving user satisfaction scores by 35%
- Participated in daily scrum meetings and bi-weekly code reviews, providing valuable insights that were implemented in production
- Optimized database queries resulting in 25% faster page load times for high-traffic pages

Technical Stack: JavaScript, HTML5, CSS3, React.js, Node.js, PostgreSQL, Git

SKILLS & CERTIFICATIONS

Programming Languages: Python, SQL, Rust, JavaScript, Typescript, C, CSS, HTML

Frameworks & Libraries: FastAPI, Flask, Django, Pandas, NumPy, [React.js](#), [Next.js](#), Angular.js

Databases: PostgreSQL, MySQL, MongoDB, Redis

DevOps & Cloud: Docker, Kubernetes, Jenkins, GitLab CI, AWS (S3, EC2, RDS), GCP

Development Tools: Git, JIRA, Confluence

APIs & Integrations: REST APIs, GraphQL, Webhooks, Third-Party API Integration

Specialized Knowledge: Data Annotation Pipelines, Machine Learning Workflows, UI/UX Principles, Agile Methodologies

ADDITIONAL EXPERIENCE

Horus Hathor - UI designer | Kigali, Rwanda

October 2023 – August 2024

Kadel Pharmacy - Data Entry Clerk | Nigeria

September 2020 – August 2022

AFFILIATIONS

Volunteer | **Norskken House** | Kigali, Rwanda

May 2023 – June 2023

Member | **Google Developer Students Club** | African Leadership University

October 2022– Present