

Amen Divine Ikamba

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EDUCATION

Pitzer College

Bachelor of Science in Data Science and Economics

Claremont, CA

Aug. 2023 – May 2027

EXPERIENCE

Software Engineer Intern, SEO Tech Developer Program

Present

- Participating in a 12-week software engineering program focused on backend and frontend development using Python, MySQL, and JavaScript
- Currently building full-stack applications and implementing optimized database queries and caching strategies to improve performance
- Collaborating with cross-functional teams in agile sprints to develop and refine project features, while strengthening version control and testing practices

Software Engineer, ZeroX Intelligence

Jan. 2025 – Present

- Boosted platform accessibility score from 72% to 94% by developing responsive UI components using React for Medikal, improving healthcare access for 500+ hospitals in Rwanda
- Decreased page load time by 35% by optimizing data visualization components, resulting in 28% increase in user satisfaction among medical professionals
- Improved design-to-development handoff efficiency by 40% by creating a comprehensive design system in Figma, reducing development cycles by 2 weeks

Open Source Software Engineer Intern, CodeDay - Robyn Framework

Nov. 2024 – Present

- Improved deployment efficiency by 30% by enhancing Robyn, a Python web framework, through collaboration with the lead developer and a team of 5 engineers
- Reduced deployment time by 25% by developing configuration files that automate server setup processes, making the framework more accessible to new users
- Participated in weekly code reviews and agile development cycles, contributing to 3 major version releases that expanded the framework's user base

Software Engineer Intern, 3D Girls Inc.

June 2024 – Aug. 2024

- Increased platform accessibility score from 72% to 94% by implementing WCAG-compliant components with React, expanding user reach to underserved communities
- Improved task completion rates by 28% by redesigning user flows based on analytics data, resulting in 20% higher retention across 500+ users
- Reduced page load time by 40% by implementing code splitting and lazy loading strategies, decreasing bounce rate by 15%

PROJECTS

Mutual Fund Predictor | React.js, Node.js, MongoDB, Git

Goldman Sachs ESL

- Created UI/UX design system improving financial information comprehension by 45% in user tests
- Implemented responsive design and CI/CD pipeline for automated testing and deployment
- Received best project recognition among 30+ teams for exceptional technical implementation

Vitalpath | Python, JavaScript, HTML/CSS, RESTful APIs

HackHarvard Hackathon 2024

- Created full-stack health application analyzing CDC datasets to provide personalized wellness recommendations
- Developed microservice architecture connecting frontend components with backend processing
- Implemented data visualization components using JavaScript to translate complex health data into intuitive interfaces

TECHNICAL SKILLS

Languages: JavaScript/TypeScript, Python, Java, SQL, HTML/CSS, R

Frameworks & Libraries: React, Node.js, Flask, Express, TensorFlow, Chakra UI, Material UI

Developer Tools: Git, GitHub, VS Code, PyCharm, Jira, CI/CD pipelines, Agile/SCRUM

Cloud & Databases: MongoDB, MySQL, Firebase

Design Tools: Figma, Sketch, Adobe XD, Responsive design principles