

Vincent Agunda

Full Stack Software Engineer | Aws Cloud
Practitioner

Education

The University of Nairobi

Bachelor of Science in Mathematics
2020 - 2024

Corporate Finance Institute

*Financial Modelling and Valuation Analyst
(FMVA) 2022 - 2023*

ALX Software Engineering

Holberton School
2023-2024

PLP Academy

Software Development
2024 - 2024

Ajira Digital

AWS Cloud Practitioner
2024

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[Portfolio](#)
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Software Engineering Projects

Certifications

- [Data Analysis \(Zindua School\)](#)
- [Data Structures and Algorithms](#)
- [Ai augmented professional Dev](#)
- [Financial Modelling and Valuation Analyst \(FMVA\)](#)

AWARDS

- [Hackathon Award: Won a hackathon award for data structures and algorithms by Zindua School.](#)

Hobbies and interests

- **Reading:** I enjoy exploring different genres.
- **Traveling:** I love discovering new places.
- **Art:** I like expressing creativity through visual arts.
- **Coding and Open Source Contributions:** Passionate about coding and regular projects on GitHub.

Experience (3+yrs)

Frontend Developer Intern → Junior Frontend Developer (Programmify PIP3, 2023–2025)

- **2023 (Internship):**

Built responsive, interactive websites using the MERN stack (MongoDB, Express.js, React, Node.js). Improved UI/UX with modern design techniques, boosting productivity by 15%.

- **2024 (Junior Developer):**

Led frontend projects, optimizing performance and user experience. Collaborated with backend teams on scalable solutions, integrating dynamic routing, Redux for state management, and RESTful APIs

[Echelon Ecommerce App project](#)

Languages

- **English:** Highly proficient
- **Kiswahili:** Highly proficient

Core Skills

Web Development:

- Proficient in HTML, CSS, React and JavaScript for building dynamic, responsive web applications.
- Focused on crafting user-friendly, accessible, and visually appealing interfaces that enhance user experience.

Technical Problem-Solving:

- Strong analytical skills for diagnosing and resolving complex technical issues.

Algorithmic Thinking:

- Demonstrated ability to design and implement optimized algorithms for various applications.

Version Control:

- Git specialist with deep expertise in version control best practices and workflows.
- Experienced in team collaboration using Git-based version control, ensuring smooth project management.

Code Optimization:

- Proficient in optimizing code for maximum performance and resource efficiency.

Technologies

Programming Languages: JavaScript (ES6+), TypeScript, HTML5, CSS3, Python

Frameworks & Libraries: React.js, Node.js, Express.js, Chart.js, Bootstrap, Tailwind CSS, Bulma

Database Management: MySQL, MongoDB, PostgreSQL

Version Control: Git, GitHub

APIs: RESTful API Development and Integration

Web Development: Responsive Web Design, DOM Manipulation, Cross-browser Compatibility, Progressive Web Apps (PWAs)

Cloud & DevOps: AWS (Certified Cloud Architect), Docker, CI/CD Pipelines

Security: JWT Authentication, Password Hashing, Secure API Development

Soft Skills

Analytical: Skilled in data interpretation, trend analysis, and logical problem-solving in software and finance.

Problem-Solving: Expertise in complex algorithms and data structures.

Collaboration: Strong communicator and team player in agile environments.

Project Management: Proficient in task management, time tracking, and leadership.

Attention to Detail: Focused on producing efficient, scalable, high-quality code.

Adaptability: Quick to learn and implement new technologies and frameworks.