

Joshua Collins

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Summary

Software Developer with 4+ years of industry experience, currently pursuing a Bachelor of Science in Computer Science. Proficient in multiple programming languages and technologies, with expertise in web/backend development, video streaming solutions, AI-driven applications, and e-commerce platforms. Passionate about creating secure, scalable, and innovative digital solutions.

Technical Skills

Languages: JavaScript (Node.js), PHP, Python, Java, C++

Web Development: HTML, CSS, JavaScript, Angular, React

Databases: MySQL, PostgreSQL, MongoDB, Firebase

Technologies & Tools: WebRTC, HLS, DRM Encryption, Postmark, Proxy Servers, Docker

Machine Learning & AI: Basic ML for real-time feedback and data analysis

Professional Experience

GDplyr (Video Streaming Platform) – Beta Alphabet (Contract: 1.5 to 2 years)

Developed HLS-based video streaming platform with AES/DRM encryption.

Implemented location-based ad player for optimized monetization.

Smart Valo (AI-driven Startup Valuation Platform) – Smart Valo (Contract: 6 months)

Built AI-driven valuation system with a global development team.

Integrated Postmark for secure email notifications.

Projects

Celeris (Open-Source Web Server)

- Developed Celeris, a high-performance web server built in C++.

- Allows users to configure routing, authentication, file access, and databases using an HTML-like syntax.
- Implementing concurrency for efficient request handling.- Built an installer for seamless deployment and global accessibility

Leadership & Entrepreneurship

Team Lead – Markt (E-commerce Startup)

- Leading a team of 7+ developers, designers, and marketers.
- Driving an innovative e-commerce platform blending digital commerce with social interaction.
- Coordinating investment pitch applications for upcoming funding rounds.

Volunteer Experience

Volunteer Developer & Instructor – CLID (Community Leadership Inclusion and Development)

- Taught coding and mathematics to empower individuals.
- Contributed to the development and maintenance of the organization's website.

Committee for Greater Nigeria – Website Development

- Designed and developed a website for the organization (one of my first projects).

Certifications

- Google User Experience Design
- Data Structures
& Algorithms in Python

Languages

- English (Fluent)
- Yoruba (Fluent)
- German (Beginner)