

SAMUEL DORKEY

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[LinkedIn Profile](#) | [GitHub Profile](#)

PROFESSIONAL SUMMARY

A full-stack web developer specializing in modern JavaScript frameworks and server-side rendering technologies, I combine strong technical foundations with hands-on experience building responsive, high-performance web applications using React.js, Astro.js, and PHP. I demonstrate expertise in component architecture, API integration, and optimizing user experiences through thoughtful UI design and SEO best practices.

SKILLS SUMMARY

- Frontend Development: React component architecture, responsive design, modern JS frameworks
- Performance Optimization: Static site generation, SEO enhancement, load time reduction

- Development Workflow: Git version control, CI/CD implementation, automated deployment
- UI/UX Design: Intuitive interfaces, accessible design patterns, responsive layouts

TECHNICAL SKILLS

- Frontend: React.js, Astro.js, HTML5, CSS3, JavaScript/ES6+
- CSS Frameworks: Tailwind CSS, Bootstrap, Shadcn UI, Material UI
- Backend: PHP, REST API implementation
- Static Site Generation: Hugo, Astro.js
- Deployment: Netlify, Vercel, GitHub Actions
- Version Control: Git, GitHub
- Database: MySQL, phpMyAdmin
- Server Management: Apache, NGINX
- Package Managers: npm, pnpm
- Build Tools: Vite

PROFESSIONAL SKILLS

- UI/UX Fundamentals
- Search Engine Optimization (SEO)
- Project Management
- Microsoft Office Suite
- Strong communication abilities
- Problem-solving under pressure

PROJECTS

Affiliate Nexus

A collaborative platform offering digital marketing, affiliate marketing, and graphic design services.

- Built responsive front-end using Astrojs, React.js, Framer Motion and Tailwind CSS with custom animations.
- Optimized page load times by 40% through image compression and code splitting.

Link: [Affiliate Nexus Website](#)

Technologies: Astrojs, React.js, Framer Motion and Tailwind CSS

Peer Tech Konnect

Peer-to-peer focused learning management system enabling student collaboration.

- Developed interactive course components and real-time study group features.
- Created user authentication system and content permission management.
- Implemented responsive design ensuring seamless experience across all devices.

Link: [GitHub Repository](#)

Technologies: HTML5, CSS3, PHP, Bootstrap, MySQL, NGINX

Luminary

Content rich Astro.js blog featuring sections for news, tech, science, deals, and trailers.

- Built with Astro.js for optimal performance and SEO through static site generation.
- Implemented content categorization system with tag and category filtering and search functionality.
- Reduced build times by 60% compared to the previous solution while improving core web vitals.

Link: [Luminary Blog](#)

Technologies: Astro.js, Markdown, Tailwind CSS, GitHub Actions, CSS3, Shiki

Volta Portal

Tourism website showcasing attractions and travel information for Ghana's Volta Region.

- Designed interactive map interface with location-based content delivery.
- Created a filterable database of accommodation, dining, and activity options.
- Implemented image galleries and virtual tours using lightweight JavaScript libraries.

Link: [Volta Portal Website](#)

Technologies: HTML5, CSS3, JavaScript, JSON, Tailwind CSS

PROFESSIONAL EXPERIENCE

WEB DEVELOPER & LIBRARY ASSISTANT, NATIONAL SERVICE PERSONNEL |
KOFORIDUA TECHNICAL UNIVERSITY, KOFORIDUA | OCTOBER 2024 –
PRESENT

- Maintained and enhanced dynamic web applications using React.js, Astro.js, and PHP, creating reusable components and implementing REST

APIs that significantly streamlined administrative workflows across departments.

- Built and deployed two distinct blog platforms using Hugo and Astro.js, showcasing versatility with modern static site generators while optimizing for performance and SEO.
- Modernized existing applications through contemporary development practices, leveraging static site generation with Astro.js and implementing CI/CD pipelines via GitHub Actions for more reliable deployment cycles.
- Crafted a custom library interface using Tailwind CSS and React.js components featuring intuitive real-time search functionality and responsive design principles, ensuring seamless access and usability across all devices.

OPERATIONS SUPERVISOR AND DATA ENTRY CLERK, INTERN | GHANA PORTS AND HARBOURS AUTHORITY, TEMA | OCTOBER 2023 – DECEMBER 2023

- Coordinated operations across multiple offices, improving interdepartmental communication efficiency by 25%.
- Maintained data accuracy of 99.8% across shipping manifests and cargo tracking systems.

- Automated routine reporting processes, reducing weekly documentation time by 4 hours.
- Assisted in implementing a digital document management system that reduced paper usage by 30%.

IT TECHNICIAN AND SYSTEM ADMINISTRATOR, INTERN | NEW TAFO AKIM
GOVERNMENT HOSPITAL | OCTOBER 2022 – DECEMBER 2022

- Responded to 100+ technical support requests, resolving 95% within the same day timeframe.
- Maintained and optimized 50+ workstations and network infrastructure serving medical staff.
- Configured systems according to healthcare software requirements and security protocols.
- Established and repaired network infrastructure, improving system reliability by 40%.

IT TUTOR | HOLY FAMILY SCHOOL, AKIM NEW TAFO | JANUARY 2021 –
DECEMBER 2021

- Developed and delivered technology curriculum to 300+ students across multiple grade levels.

- Created engaging learning materials that increased student technology proficiency by 60%.
- Provided individualized guidance on computer fundamentals and digital literacy.
- Collaborated with teaching staff to integrate technology across other subject areas.

EDUCATION

HND IN INFORMATION AND COMMUNICATION TECHNOLOGY | SEPTEMBER
2024

HO TECHNICAL UNIVERSITY, HO

*Relevant coursework: Web Development, Database Management, Network Systems,
Windows Server Administration Software Engineering, Information Security.*

WASSCE | JULY 2019

POPE JOHN SENIOR HIGH AND MINOR SEMINARY, EFFIDUASE, KOFORIDUA

ACTIVITIES AND INTERESTS

- Open-Source Contribution - Actively participates in web development communities and contributes to open-source projects, sharing knowledge through technical blog posts on modern frameworks and UI/UX best practices.
- Web Development Meetups - Regularly attend local tech meetups and online conferences to stay current with emerging web technologies and network with fellow developers.
- UI/UX Exploration - Experiment with digital design tools and painting techniques that inform creative approaches to web interfaces and visual storytelling
- Technical Reading - Constantly expands knowledge through programming books, developer blogs, and documentation to refine coding skills and stay ahead of industry trends.