

DANKU KENNEDY EDEM

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Portfolio: <https://dankukennedy.github.io/portfolio/>

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PROFESSIONAL SUMMARY

Results-driven IT professional with 8+ years of expertise in end-to-end web development, IT infrastructure management, and solving complex technical challenges. Adept at designing, deploying, and optimizing scalable web applications while ensuring robust security and performance.

Skilled at delivering scalable, efficient, and user-friendly IT and software solutions while collaborating effectively with cross-functional teams.

Passionate about leveraging technology to drive business growth, enhance security, and improve operational efficiency.

PROFESSIONAL EXPERIENCE

Freelance Full-Stack Web Developer

Remote / Hybrid Nov 2024 – Present

- Designed and deployed responsive, custom web applications using React, Laravel, FastAPI, Node.js, WordPress and modern databases such as MySQL, PostgreSQL and MongoDB.
- Developed user-friendly, engaging UI/UX designs with HTML5, CSS3, JavaScript, and frameworks like Bootstrap, Material UI and Tailwind CSS.
- Created and optimized RESTful APIs to ensure secure and efficient data flow between client and server.
- Improved website visibility and user traffic through SEO optimization strategies.
- Provided long-term application maintenance, bug fixes, and performance enhancements.

IT / MIS SUPPORT OFFICER

Commission for Technical and Vocational Education and Training
(Accra,
Ghana) | Nov 2023 – Nov 2024

- Provided technical support for computer systems, including troubleshooting software and hardware issues.
- Created reports and presentations using Microsoft Office Suite to streamline operations.
- Installed and configured systems, ensuring seamless network connectivity.
- Supported coding tasks and minor web development projects.

INFORMATION TECHNOLOGY MANAGER

NABCO, GIFEC (Ashanti Region, Ghana) | Sep 2018 – Aug 2023

- Oversaw IT operations, including software installation, updates, and configuration.
- Digital Transformation Center (DTC) Training Instructor at Adansi Dompase Community Information Center (CIC)
- Managed website content updates and ensured systems were secure and optimized.
- Implemented cybersecurity protocols, including antivirus management and data protection.
- Resolved technical challenges and ensured systems ran efficiently.

ASSISTANT IT SUPPORT OFFICER

National Service - University of Professional Studies (UPSA, Accra) | Jan 2017 – Aug 2017

- Installed and configured hardware and network systems across campus.
- Assisted faculty and staff with technical troubleshooting and software-related queries.
- Maintained campus-wide internet connectivity and conducted security updates.
- Diagnosing and resolving hardware malfunctions, including faulty components like RAM, hard drives, or power supplies
- Setting up desktops, laptops, and peripheral devices like printers,

JUNIOR WEB DEVELOPER

Africa Worldview Limited (AWL, Accra) | Aug 2016 – Jan 2017

- Updated and styled website content for improved visual appeal.
- Created sliders and optimized databases for better site performance.
- Conducted regular security checks and software updates.
- System configuration

EDUCATION

Bachelor of Technology in Computer Technology

Kumasi Technical University (KsTU) | **2021 – 2023**

- **Grade:** First Class

Higher National Diploma in Computer Science

Ho Technical University (HTU) | **2013 – 2016**

- **Grade:** Second Class Upper Division

CERTIFICATES

SCHOOL CERTIFICATES

B. Tech In Computer Technology - Kumasi Technical University (KsTU),
Jan 2024

HND In Computer Science - Ho Technical University (HTU), Jun 2017

PROFESSIONAL & OTHER CERTIFICATES

Full Stack Development Internship Program – Edureka (UG), Apr, 2025

IT Service Management – University of Ghana Information Technology Directorate (UG), Oct, 2024

System Administration – University of Ghana Information Technology Directorate (UG), Oct, 2024

Information Security – University of Ghana Information Technology Directorate (UG), Oct, 2024

Application, Database & Analytics – University of Ghana Information Technology Directorate (UG), Oct, 2024

Advanced Entrepreneurship Training – Ghana Enterprises Agency (GEA) Youth Entrepreneurship & Employment Programme, 2023

Intermediate Entrepreneurship Training – Ghana Enterprises Agency (GEA) Youth Entrepreneurship & Employment Programme, 2023

Basic Entrepreneurship Training – Ghana Enterprises Agency (GEA) Youth Entrepreneurship & Employment Programme, 2023

CORE COMPETENCIES

- Full lifecycle development of responsive web applications using modern frameworks (React, Angular, Laravel, Django)
- RESTful API design and microservices architecture (Node.js, Express, FastAPI)
- Cloud-native development and DevOps practices (AWS, Docker, CI/CD pipelines)
- Database architecture and optimization (SQL/NoSQL, caching strategies)
- Enterprise IT infrastructure planning and security hardening

TECHNICAL SKILLS

- **Programming Languages:** HTML, CSS, JavaScript, TypeScript, PHP, SQL, Python, C++
- **Frameworks:** React, Next.js, Laravel, Django, Node.js, Express.js, FastAPI
- **Tools & Software:** Visual Studio Code, IntelliJ IDEA, Tableau, Microsoft Excel, Cursor, Postman, Web Browser
- **Databases:** MySQL, PostgreSQL, MongoDB
- **DevOps:** AWS, Azure, Docker, Kubernetes,

OTHER CORE COMPETENCIES

- Problem Solving: Strong troubleshooting and critical thinking abilities.
- Collaboration: Proven ability to work in cross-functional, fast-paced teams.
- Project Management: Skilled at organizing and meeting deadlines.
- Communication: Excellent written and verbal communication skills.
- Adaptability: Quick to learn and implement new technologies.
- Proven ability to lead cross-functional technical initiatives while maintaining focus on scalability, security, and performance
- Adept at translating complex business requirements into elegant technical solutions that drive operational efficiency and competitive advantage.
- Committed to continuous learning and adopting emerging technologies to solve tomorrow's challenges today

VALUE PROPOSITION

- I bridge the gap between business strategy and technical execution, delivering solutions that are not just functionally sound but also strategically aligned with organizational goals
- My architectural approach emphasizes maintainability, security, and future-readiness while meeting immediate business needs.

LANGUAGES

- **English:** Native
- **Ewe:** Fluent
- **Twí:** Intermediate

REFERENCES

Isaac Fordjour (Human Resource) At Adansi North District
Assembly P.O.Box 21, Adansi Fomena Ashanti Region.
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David Aboagye-Darko (Lecturer) At University of Professional
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