KENNY ADENUGA

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SUMMARY

Computer Science student with a minor in Mathematics, skilled in AI and web development using Next.js, OpenAI, and MERN stack. Proven ability to scale web performance, boosting customer reach by 50% and improving online sales by 30% through SEO and agile methodologies. Adept at deploying AI apps with AWS and crafting user-centric designs for seamless user experiences.

SKILLS

- **Programming Languages**: C, Java, Python, JavaScript, HTML, CSS, SQL, NoSQL
- **Web Development**: Next.js, MERN Stack, REST APIs, Socket.io
- **Cloud & DevOps**: AWS (EC2, S3), Docker, CI/CD
- **AI & Machine Learning**: OpenAI, Pinecone, Retrieval-Augmented Generation (RAG)
- **Tools & Frameworks**: Git/GitHub, VS Code, Figma, Agile/Scrum methodologies
- **Interpersonal Skills**: Public Speaking, Team Collaboration, Leadership, Communication
- **Other**: Quality Assurance, Documentation, Linux/Windows

EDUCATION

University of Guelph
2023 - 2028
Bachelors in Computer Science COOP, Minor in Mathematics.
Maintaining a 90% average.

PROJECTS

Team Up Chat App
Aug. 2024 – Present
- Developed a chat app enabling tech professionals to connect for hackathons and networking, leveraging the MERN stack.
- Integrated real-time communication via Socket.io, supporting concurrent users.
- Designed a secure authentication system using JWT and bcrypt, enhancing user data protection

AI Rate my professor chatbot
Aug. 2024
- Created an AI-powered chatbot using Retrieval-Augmented Generation (RAG) to simulate professor recommendations, optimizing user queries on synthetic data.
- Built a responsive front-end with Next.js and MUI, improving user experience and engagement by 50%.

EXPERIENCE

Software Engineering Fellow, Headstarter AI
July 2024 – Sep. 2024
- Designed, developed, and deployed 5+ AI applications and APIs with 98% accuracy, utilizing Next.js, OpenAI, Stripe API, and Pinecone.
- Implemented scalable deployment on AWS, improving server response times by 40% and traffic handling capacity.
- Worked in a 4-person agile team, applying MVC design patterns to streamline development and enhance code maintainability.

Web Development Team Member, Riipen
March 2024 – May 2024
- Developed a business website using JavaScript, HTML/CSS completing ideation and implementing the site, leading to a 50% increase in customer reach
- Designed user flows and prototypes using Figma and flow maps to enhance UX/UI by 60%
- Optimized website performance resulting in a 30% increase in online sales