KENNY ADENUGA

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EDUCATION

University of Guelph   Guelph, ON
Bachelor in Computer Science COOP, Minor in Mathematics.   Expected Graduation: April, 2028
Relevant coursework: Data Structures, Linear Algebra, Calculus, Intermediate Programming, Structure and Application of Microcomputers, Object-Oriented Programming, Statistics, UI Design
Maintaining a 90% average.

SKILLS & CERTIFICATIONS

- Programming Languages: C, Java, Python, JavaScript, SQL, NoSQL
- Web Development: Next.js, MERN Stack, REST APIs, Web Sockets
- AI & Machine Learning: OpenAI, Pinecone, Retrieval-Augmented Generation (RAG), LangChain
- Interpersonal Skills: Team Collaboration, Leadership, Communication
- Certifications: Introducing Artificial Intelligence: Training for the Road Ahead by CARE AI, The Complete 2024 Web Development Bootcamp by Udemy, SEO by HubSpot Academy, IBM Z Xplore - Concepts
- Other: Quality Assurance, Documentation, Linux/Windows, AWS (EC2, S3), Docker, CI/CD, Agile/Scrum methodologies, Git, MATLAB

RELEVANT EXPERIENCE

Software Engineering Intern – AI/ML, PM Accelerator
July 2025 – Present
- Developed AI/GenAI applications in an agile team with product managers, designers, and data scientists.
- Integrated ML models and APIs (e.g., ChatGPT) into full-stack code and optimized data pipelines.
- Explored AI/ML frameworks, documented research, and reported progress weekly during weekly mentor sessions.

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.

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%.

Social Media App
Jan. 2025
- Designed and developed a cross-platform social media application using Flutter, delivering a responsive and user-friendly interface.
- Integrated Firebase Authentication to enable secure user registration and login functionality.
- Leveraged Firebase Firestore to implement real-time database storage for user data and posts

ACTIVITIES

Member | SOCIS, Guelph Coding Community, GDSC Guelph, ColorStack	2023 – Present
Participant| CAN-CWiC 2024, WACE Global Challenge	2024
Peer Helper | University of Guelph	2024 – Present
Participant | GDSCHacks	2025