

KENNY ADENUGA

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EDUCATION

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

Guelph, ON
Expected Graduation: April, 2028

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

RELEVANT 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 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

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	2024
Peer Helper University of Guelph	2024 – Present
Participant WACE Global Challenge	2024