

Kwabena (Kobe) Amoh

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Summary

Intermediate full-stack software developer and UI/UX designer based in Edmonton, Alberta. I build and design responsive web applications that make complex information easier to understand for users.

Experience

Digital Content Coordinator – University of Alberta (External Relations – Digital + Creative)

May 2023 - Present

- Developed a footer sub-component for displaying relevant college links for 13 University of Alberta schools using Velocity and XML in the backend with Cascade CMS and Bootstrap, helping senior leadership's aim of aligning colleges and faculties.
- Built a redesigned Faculty of Science homepage using Cascade CMS and Bootstrap CSS.
- Used JavaScript, CSS, and Clive forms to develop the Enterprise and Corporate Partnership page for senior university leadership, allowing external visitors to better view U of A talent and infrastructure.
- Prototyped and built a scraper tool using Express, Tailwind CSS, and Vite to scrape U of A pages and export text content to faster prototype design content in mockups for communications partners.
- Conducted a UX audit for the Campus Community Recreation (CCR) website; created a report based on the audit which outlined recommendations to improve the user/visitor experience for CCR's service offerings.
- Designed and built a responsive campaign landing page for the *Online Master of Engineering in Construction Engineering and Management* campaign (uab.ca/MEng) to support a targeted campaign across social and web channels.
- Participated in daily asynchronous and synchronous standups within an agency-style team, communicating priorities, blockers, and progress clearly.

Digital Technologist - Freelance

Freelance Capacity (2019-2026)

- Designed and developed a full-stack web app (currently in closed-beta) to help undergraduate students find research opportunities with professors (using React and Vercel on the frontend; Express, Node.js, and PostgreSQL on the backend; and Jest and Supertest for testing).
- Wrote blog posts on topics spanning technology, data science, artificial intelligence, and education.
- Developed and managed WordPress site for Edmonton photography/mental health community group UrbanYEG including security, backups, and account migration.
- Created detailed documentation for non-technical clients on CMS usage, digital strategy, and best practices.

Front-end UX Developer Intern – University of Alberta (Alberta Language Technology Lab)

January 2020 – August 2020

- Developed frontend components and features (audio playback, expandable word definition entries) using Python, HTML, and Fetch API (JavaScript) to support language preservation initiatives for an online multilingual Cree-English dictionary.
- Wrote and tested code using Cypress for frontend and backend functionality.
- Collaborated with developers and subject-matter experts (professors, linguists, developers, and Cree speakers) to iteratively refine UI components to balance technical requirements with usability principles for site/app users.

Education and Professional Development

- **Northern Alberta Institute of Technology (2021)** - Digital Media and Information Technology (Web Design & Development)
- **ICAgile (2019)** - ICAgile Certified Professional - Agile Marketing

Digital Tools

- **Frontend Development:** HTML, CSS (Tailwind, Bootstrap), JavaScript, React, Vite
- **Backend Development:** Node.js, Express, MySQL, PostgreSQL, Python, Pandas, Bash, WordPress
- **Version Control and Deployment:** Git/Github, Vercel, Netlify
- **Testing:** Cypress, Mocha, Jest, Supertest
- **Design:** Figma, Adobe Suite (Illustrator, InDesign, Photoshop, Lightroom)