Ayub Hussein

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EDUCATION

Northern Alberta Institute of Technology   Edmonton, AB
Digital Media and IT Computer Software Development Associate Degree   *Jan. 2022 – Apr. 2024*

Northern Alberta Institute of Technology   Edmonton, AB
Bachelor Of Applied Information Systems Technology   *Sep. 2024 – Apr. 2026*

EXPERIENCE

Software Developer Contract   May 2024 - Aug 2024
Sahaba Downtown Association   *Edmonton, AB*
- Developed a full-stack business directory as a solo developer for local Edmonton businesses, allowing owners to list their businesses with admin approval.
- Implemented dynamic filtering, enabling users to search by business category and services for an improved user experience.
- Designed and integrated a responsive Add Listing form with image uploads, automated email confirmations, and AWS S3 storage.
- Developed a mobile-responsive UI using ReactJS and TypeScript, ensuring seamless cross-device experience.

Sales Associate   Nov 2021 – May 2023
Under Armour   *Edmonton, AB*
- Provided excellent customer service by assisting shoppers with inquiries, product recommendations, and sizing information.
- Actively engaged customers to drive sales and met or exceeded established sales targets.
- Adhered to company guidelines on customer interactions, returns, and exchanges, ensuring a consistent and positive brand experience.
- Collaborated with fellow sales associates and store staff to create a positive and cohesive working environment.

Seasonal Sales Associate   Sep 2023 – Jan 2024
Mark's   *Edmonton, AB*
- Balanced multiple tasks, such as assisting customers, managing inventory, and handling transactions, improving time management and multitasking skills.
- Assisted customers by identifying their needs and providing tailored solutions, enhancing problem-solving and communication skills.

PROJECTS

MindfulScan | *ReactJS, TypeScript, Golang*   Jan 2024
- Developed a content moderation system for HackEd 2024 utilizing GPT-4 for precise identification and flagging of inappropriate content
- Facilitated open discussions to encourage quick resolutions of challenges within the system.
- Incorporated mock data on the backend, effectively demonstrating the functionality in action

Premier Stays Capstone | *Next.js, TypeScript, Golang, Google Maps API, AWS S3*   Jan 2025 - Apr 2025
- Collaborated with a team of four to revamp a third-party listing service, enabling direct property listings on the company's website.
- Integrated Google Maps API to accurately geolocate listings for improved searchability.
- Configured AWS S3 bucket with proper permissions and security policies to enable secure client image uploads.

ShopSmart | *Express.js, Node.js, Flutter, Dart*   Feb 2025
- Developed a full-stack mobile application along with a group of 3 that compares grocery prices across multiple retailers based on user-provided product inputs.
- Built a RESTful backend using Express.js to fetch and process real-time pricing data from various online grocery stores.
- Designed and implemented a mobile app using Flutter, providing users with the cheapest store option for their desired items.
- Collaborated in a fast-paced hackathon environment, focusing on rapid prototyping, feature prioritization, and seamless team communication.

Technical Skills

Languages TypeScript, Javascript, SQL, CSharp, HTML/CSS, Golang, Flutter, Dart
Frameworks: .NET, Next.js, Express.js, Node.js
Developer Tools: Git, Docker, Linux, AWS S3

Commitment to Continuous Learning

Currently Enrolled in the Bachelors of Applied Information Systems coop/internship for the fall of 2026