Ahsan Habib Niloy

niloy.ahsan02@gmail.com | +1(672)-833-0055 | linkedin: ahsan-habib-niloy | github: ahsan201

EDUCATION

Thompson Rivers University   **Kamloops, BC**
Bachelor of Computing Science   *Expected Graduation, May 2026*

- **Concentrations:** Full Stack Web Development & Artificial intelligence.
- **Related Coursework:** Web development, Python programming, Discrete Mathematics, Object-Oriented Programming in Java, Data structure and algorithms.

EXPERIENCE

Luxe Studios   **Kamloops, BC**
Web designer & developer   *July 2024*

- **Role:** Designing and developing a fully functional website for Luxe Studio, a wedding photography and videography business, optimizing user experience and SEO.
- **Technology:** I have implemented modern web development tools like GSAP animations and Parcel.js bundling, responsive image sliders, service sections, and a gallery using Swiper.js and JavaScript, enhancing client engagement and interaction.

Telus Communication   **Kamloops, BC**
Door-to-door Salesman   *June 2024*

- Successfully generated over 270k CAD in contract value through strategic sales of home security and other Telus home services.
- Developed strong customer relationships by delivering tailored solutions, achieving high customer satisfaction and retention rates.
- Consistently exceeded monthly sales targets, contributing to significant growth in Telus's home security and service subscriptions.

PROJECTS

SkinSense Pro   **Mobile Development Course**
Mobile App Development   *Fall 2024*

- Leading development of a skincare app that helps users scan product barcodes and receive ingredient analysis based on their skin type.
- Built core functionality for product scanning, ingredient scoring, and alternative recommendations, boosting ingredient accuracy by 95%.
- Integrated Firebase for user authentication, cloud functions, and storage, managing 99.6% uptime.
- Implemented GPT-4 API integration for image analysis, improving ingredient detection accuracy by 30%, leading to a 25% decrease in manual input errors during product searches.

SiteGuardian   **Acres Industry Innovation Competition**
Full-stack development   *Fall 2024*

- Developed and optimized backend architecture with Firebase, achieving 95% faster data retrieval for real-time alerts and maintaining secure user authentication.
- Programmed Arduino-based hardware to process and relay sensor data, with an accuracy rate of ±1% for temperature monitoring and ±5% for gas detection thresholds.
- Created a responsive front-end interface, enabling real-time control and status updates across devices on-site.
- Improved system efficiency and optimized database queries and real-time data handling.
- Collaborated with team members to implement safety protocols, and improved incident response times on simulated construction sites.

SOFT SKILLS

Teamwork and Collaboration: Worked effectively in project teams, ensuring smooth collaboration by sharing ideas, receiving feedback, and adapting roles to meet group goals in both tech projects and sales roles.

Problem-Solving: Applied analytical skills to troubleshoot code optimize backend solutions and solve customer issues in sales, achieving efficient and practical outcomes.

Time Management: Successfully balanced multiple responsibilities across technical projects and sales, consistently meeting deadlines and delivering high-quality results under time constraints.

SKILLS

Programming: JavaScript, Python, Java, HTML/CSS, Node.js, React.js, TypeScript.
Technical/Programmatic: Data Structure & Algorithm, Firebase, Machine Learning.
Platform: MacOS, Windows
Interest: Full-Stack Web Development, Data Analysis.