

Ahsan Habib Niloy

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SKILLS

Programming: JavaScript, Python, Java, , React.js, Node.js, TypeScript.

Technical/Programmatic: Data Structure & Algorithm, Firebase Database, Machine Learning.

Interest: Full-Stack Web Development, Artificial Intelligence.

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.

PROJECTS

Full-stack development - SiteGuardian

Fall 2024 - Acres Industry Innovation Competition

- 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 $\pm 1\%$ for temperature monitoring and $\pm 5\%$ for gas detection thresholds.
- 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.

Web designer & developer - Luxe Studios

July, 2024 Kamloops, BC

- **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 Astro JS with React JS, responsive image sliders, service sections, and a gallery using Swiper.js and GSAP animations , enhancing client engagement and interaction.

Mobile App Development - SkinSense Pro

Fall 2024 - Mobile Development Course

- Leading development of a skincare app that helps users scan product barcodes and receive ingredient analysis based on their skin type.
- 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.

EDUCATION

Bachelor of Computing Science

Expected Graduation, May 2026

Thompson Rivers University

kamloops, BC

Concentrations: Full Stack Web Development, Artificial Intelligence & Machine Learning.

EXPERIENCE

Door-to-door Salesman - Telus Communication

May, 2024 - Present

- 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.