Ansar Ahmed

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EDUCATION

University of Regina — Regina, SK
Bachelor of Applied Science - Software Systems Engineering — *2022 – Present*

TECHNICAL SKILLS

Languages: C, C++, JavaScript, HTML, CSS, PHP, ARM Assembly
Frameworks & Libraries: NodeJS, ExpressJS, Bootstrap, jQuery, Passport, AJAX
Tools & Platforms: Git, mySQL, MongoDB, Apache, Visual Studio Code, Keil, Figma, WordPress, Office 365, Solid Edge
Web & Software Development: Full-stack development (MERN), REST APIs, responsive design, UI/UX prototyping, CMS development
Embedded Systems & CAD: Microcontroller programming, LED/button interfacing, Keil IDE, ARM Assembly, CAD modeling and simulation

PROJECTS

Door Alert System | *C* — Apr 2025
- Built a door alert system using STM32F103RB, IR and ultrasonic sensors and buzzer
- Enabled visual and audible alarms via GPIO and PWM; output status through USART serial
- Performed modular testing and debugging to ensure system reliability
- Strengthened skills in embedded systems integration and hardware interfacing

Simon Says Game | *C* — Dec 2024
- Created a memory game on STM32 Nucleo using buttons and LEDs with C
- Programmed game logic in C with increasing difficulty based on player input
- Demonstrated proficiency in GPIO handling and real-time embedded debugging

MediLocate | *Node.js, Express.js, MongoDB, HTML, CSS* — Apr 2024
- Co-developed a web platform to simplify healthcare appointment booking across Canada
- Built responsive front-end and secure REST API back-end with Node.js and MongoDB
- Integrated Passport-based authentication and emphasized user-friendly design

SDG Mapping Website | *WordPress, Figma, UI, UX* — Dec 2023
- Helped develop Regina's first website to visualize local Sustainable Development Goal data
- Built WordPress-based public-facing platform with low- and high-fidelity Figma prototypes
- Collaborated with stakeholders to promote accessibility and engagement

3D Can Crusher | *Solid Edge, CAD* — Apr 2023
- Created a detailed 3D CAD model simulating a can crusher's mechanics using Solid Edge
- Demonstrated mechanical design thinking and visual simulation techniques

EXPERIENCE

Cast Member — Oct 2022 – Present
Cineplex — *Regina, SK*
- Maintained high standards of customer service and cleanliness, contributing to a 20% increase in positive guest feedback during quarterly satisfaction surveys
- Trained over 10 new employees on company policies and procedures, reducing onboarding time and improving operational consistency
- Supported operations by taking on cross-functional tasks during peak hours, helping reduce wait times and improve team response

Sales Representative   Sept 2021 – Oct 2021

Saudi Telecom Company   *Riyadh, Saudi Arabia*

- Delivered customer service and resolved inquiries, leading to a 15% increase in follow-up engagement within the sales cycle
- Applied persuasive techniques to exceed daily sales quotas by up to 25% during peak promotional periods
- Adapted quickly to a fast-paced retail setting while maintaining professionalism and accuracy under pressure

Volunteer Manager   Apr 2020 – Sept 2020

Inchara Foundation   *Mangalore, India*

- Coordinated the delivery of essential supplies to over 100 families during the COVID-19 pandemic, ensuring safe and timely service
- Developed training materials and led orientation for 30+ new volunteers, resulting in more effective onboarding and task readiness
- Improved volunteer retention by 20% through better alignment with the organization's mission and clearer expectations

AWARDS & AFFILIATIONS

Awarded with the International Entrance Scholarship: May 2022

Awarded First Place in the Regina Engineering Competition (REC) for Excellence in Junior Design

WHMIS Certification

Faculty of Engineering Board Member, University of Regina Student Union   *Sept 2024 – Present*

Internal Chair, ASHRAE Student Society   *Feb 2025 – Present*

REFERENCES

Available upon request.