

# Andrew Cross

## Full Stack Developer

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Independent and self-motivated graduate with proven and tested skills in the development of web-applications.

### SUMMARY OF QUALIFICATIONS

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- In-depth knowledge and experience with various web-oriented development technologies including JavaScript, Node.js, React, Express.js, MongoDB, Java, Github, .NET6, ASP.NET, SQL & More
- Adept comprehension of the ethical, social media, legal, regulatory, and economic responsibilities involved in creating and supervising web-based applications.
- Critical and experienced understanding of OOP, Data Structures and Algorithms
- Experience working with agile methodologies and within an agile team
- Proven ability to collaborate and communicate effectively within a team to create an effective value proposition for prospective clients.
- Experience working with various DevOps and Cloud-Computing solutions (Git, Jenkins, AWS, Azure).
- Proficient understanding of the design of highly secure, reliable, and scalable software applications.

### EDUCATION

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#### Durham College - Advanced Diploma Computer Programming & Analysis, Co-op

January 2021 – April 2023

- Overall Average: 4.94/5.0 GPA
- Placed on the college honor roll list every semester in attendance.
- Studied advanced courses covering various technical topics some of which include Web Development, Database Development, Project Management, Object Oriented Programming, Mainframe Development, Networking, Data Analytics, and Business IT.
- Recipient of the Regional Chairs Classic in Memory of Roger Anderson Award (Year I) - Awarded to the two students with the highest GPA in a single year.

### WORK EXPERIENCE

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#### Web Developer

May 2022 – April 2023

*Durham College – Department for Professional & Part Time Learning | Oshawa, ON*

- Facilitated the creation of high-quality learning content for students using HTML5, CSS3 and JavaScript.
- Streamlined the structure of the back-end template of the D2L LMS leading to training in React, Node.js, MERN stack, Babylon.js and Laravel to discover ways to significantly improve the student learning experience.
- Consistently provided valuable input for the improvement of existing web assets, drawing on my knowledge of software structures and newer technologies.
- Successfully drove the adoption of agile methodologies, establishing regular scrum meetings that resulted in a 25% increase in team productivity and a 15% reduction in project completion time.
- Utilized my expertise in relational database systems to research and explore streamlined solutions for future content delivery.

#### Night Auditor

November 2021 – April 2022

*Comfort Inn & Suites | Bowmanville, ON*

- Regularly contributed to creating an exceptional experience for more than 100 guests by ensuring the security of the building, guests, and their sensitive information.
- Regularly and effectively assisted with conflict resolution during peak operating hours.
- Utilized my analytical & technical skills to provide valuable feedback on the modernization of various technical assets leading to a 30% increase in productivity.

#### Sales Associate

September 2019 – February 2021

*Rogers Communications | Bowmanville, ON*

- Leveraged technical expertise to consult with clients, successfully identifying and implementing wireless solutions that resulted in a 20% reduction in downtime and a 15% increase in overall efficiency.
- Utilized extensive sales experience to facilitate new marketing strategies to increase generated revenue by 35%.
- Accountable for the oversight of over 70 wireless accounts and providing expert consultation to account holders.
- Demonstrated leadership skills through learning and educating my coworkers on the various new software technologies that became available to our team.

### PERSONAL PROJECTS

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#### Capstone Project

January 2023 – April 2023

- Designed and fully developed a video streaming application utilizing the MERN stack, with support from additional web technologies such as Postman and Mongoose, and successfully deployed to production. Presented the application at the esteemed 2023 Durham College IT Expo, fulfilling a mandatory requirement for graduation.