

PROFESSIONAL EXPERIENCE

URtech Manufacturing Inc May 2021 – Aug 2021  
Computer Programming Analyst Co-op

- Increased 20% **MS SQL Server database** efficiency by optimizing table indexes and defragmentation
- Improved document retrieval time from 10 min to 2 min by creating a documentation app using **Angular**
- Increased server query response time by 17% by restructuring **RESTful API**
- Contributed to **design sprints** by translating design mock-ups into reusable responsive **UI components** using **Angular, Bootstrap, HTML, CSS, Typescript/JavaScript, and Material**
- Improved problem-solving skills and **OPP principles** by working on their large codebase, **trouble shooting** its bugs, and improving their exception handling for future debugging
- **Technology Used:** C#, MS SQL, .NET Core, Azure DevOps, Angular, Power-BI, MongoDB, Cloud Dev

SELECTED PROJECTS

Web Development And DB Management Project Jan 2021 – Apr 2021  
Brochure Website | [Bkmm.in](#)

- Formulated and developed a production-ready **responsive website** for a Chartered Accountant firm
- Increased 95% data entry **efficiency** by transferring historical data from excel to **MS SQL** using **SSIS**
- Developed **.NET Core** app to improve the organization of customers, invoices, and schedules
- Improved **database management/administration** and **MS SQL** Server development. Acquired **ETL** skills and Learned to prioritize tasks and modules based on their urgency.
- **Technology Used:** C#, .NET, MS SQL, ETL, SSIS, HTML, CSS, JavaScript, WordPress, MYSQL, Git

Software Development Team Project Apr 2021 – Apr 2021  
OASIS | [GitHub](#)

- Lead a team of 4 to develop an application that tracks the progress of a project from quoting to completion
- Applied version control software (**Git**) to track, test, and update pre-existing code
- Acquired code organizational skills by using appropriate design patterns for **Object-oriented-programing** and learned to work in a **collaborative** environment
- **Technology Used:** C#, ASP.NET core, MS SQL MVC architecture, Code first design, Razer pages, Git

Mobile Application Project Apr 2021 – Apr 2021  
Anime North | [GitHub](#)

- Developed a **Xamarin** application that uses **RESTful API** for data retrieval
- Implemented an **algorithm** that ranks players based on the Elo rating system
- Performed **unit testing** to ensure optimal interpretation of UI in all three-application environment
- Got exposed to **mobile development** and learned the basics of **Xamarin, UWP, and Android**
- **Technology Used:** C#, RESTful API, UWP, XML, XAML, Xamarin, Git, SQLITE

EDUCATION

Niagara College Expected Jan 2022  
Computer Programming and Analysis | Advanced Diploma (3y prog)

- Achieved **88/100** cumulative (Current)
- Recipient of **President's Honor Roll** Academic Achievement Award
- Increased a student cumulative by 47 points by developing learning strategies, recommending learning resources, answering inquiries, and helping him get ready for examinations.