

# Branden Byounguk Min

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 [linkedin.com/in/brandenmin](https://www.linkedin.com/in/brandenmin)  [github.com/Gemnnn](https://github.com/Gemnnn) Website: [gemnnn.github.io/portfolio](https://gemnnn.github.io/portfolio)

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## SUMMARY

Devoted developer with a strong foundation in C#, JavaScript, and RDBMS, passionate about building web and software solutions. I thrive on solving complex problems creatively and precisely, applying skills in frameworks like React and ASP.NET to deliver impactful results. Continuously driven by curiosity, I embrace opportunities to learn, innovate, and combine technical expertise with a genuine commitment to enhancing user experiences.

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## WORK EXPERIENCES

### Junior Software Developer & Data Analyst Manse eSolution Inc.

Aug 2022 - Aug 2023  
Fergus, ON

- Developed and integrated a flexible map marker feature into the Grain Management System's address book using Delphi, enabling group emails and drag-and-drop selection, which streamlined functionality and increased user engagement.
- Utilized complex MySQL queries, including multi-table joins and updates, to efficiently retrieve and modify customer-requested data, resolving inconsistencies and enhancing system reliability with a 30% reduction in query resolution time.
- Designed and implemented tailored reports using Crystal Reports to meet unique client needs, enhancing decision-making processes.
- Improved the program's user interface to ensure a more intuitive and professional design.
- Provided hands-on technical support, including software installations and troubleshooting on client systems, ensuring smooth and reliable operations.

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## PROJECTS

### Starbucks Partner Support Shelf-Life Tracker App [Github](#)

Oct 2024 - Jan 2025

- Developed a mobile application using React Native and C# ASP.NET Core to assist Starbucks partners in tracking product shelf-life dates effectively.
- Designed and implemented a search feature with RESTful APIs for quick product lookup, reducing manual calculations and errors while achieving an average response time of under 200ms
- Created a custom widget for iOS and Android platforms, enabling users to instantly access expiration dates without opening the app, significantly improving usability and saving time, resulting in a 20% increase in user engagement.
- Leveraged Azure App Service and SQL Server to ensure scalable deployment and cloud-based storage solutions.
- Integrated time zone conversion to deliver accurate shelf-life dates globally, ensuring 100% time zone compatibility across regions.

### Initiate News Mobile Application [GitHub](#)

Jan 2024 - Apr 2024

- Led a team of three developers through a four-month project lifecycle, from initial concept to successful deployment, ensuring on-time delivery while meeting all project milestones.
- Designed and implemented the front end using Kotlin to create a seamless and intuitive user experience.
- Developed efficient and secure RESTful APIs in C# to handle data communication between front-end and back-end systems.
- Strengthened app security by integrating Firebase for OTP authentication and reducing unauthorized access risks.
- Integrated the ChatGPT API to generate keyword news summaries from lengthy articles automatically.

### Virtual Game Store [Github](#)

Sep 2023 - Dec 2023

- Developed a comprehensive virtual game store application using ASP.NET Core MVC, enhancing functionality and delivering a streamlined user experience.
- Designed and implemented both front-end and back-end features, including user preferences, wish lists, and game downloads, ensuring seamless interaction across all components.
- Tested the app alongside the team to ensure every feature worked flawlessly, utilizing Selenium to automate the process and guarantee smooth and reliable functionality.

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## EDUCATION

Computer Programming and Analysis (Co-op), Advanced Diploma  
Conestoga College, Waterloo, ON

Sep 2020 - Apr 2024