

Drew Glasser-Brown
#201 – 906F Duchess Street
Saskatoon, SK, S7K 6K3
306-250-3023
drewglasser@hotmail.com

Professional Summary

Passionate and detail-oriented software developer with a strong foundation in full-stack web development, system programming, and software design. Experienced in C#, Blazor, JavaScript, Vue.js, Express.js, TypeORM, and memory management in C. Successfully collaborated on a real-world project, which is a paramedic training application for an industry client. Also worked on an UNO game project using Java and FXML. Eager to contribute to a dynamic development team and tackle complex problems.

Technical Skills

- Programming Languages: C#, Java, JavaScript, TypeScript, SQL, C, and Swift
- Frontend Development: Vue.js, HTML, CSS, Blazor
- Backend Development: Express.js, Node.js, TypeORM, Entity Framework, and RESTful APIs.
- Database: SQLite, Oracle SQL, SQL Fundamentals.
- Software Development Concepts: Data structures & Algorithms, Memory Management, and Object-Oriented Programming
- Mobile Development: Java (Android Studio), and Swift (iOS)
- Tools & Platforms: Git, Bitbucket, GitHub, Visual Studio, VS Code, and JetBrains IDEs.
- Soft Skills: Problem-Solving, Teamwork, Communication, and Agile Development.

Education

Saskatchewan Polytechnic, Saskatoon, SK August 2023 – June 2025
Computer Systems Technology Diploma

- Relevant Course Material: Data Structures & Algorithms, Full-Stack Web Development, Operating Systems, Software Engineering, Database Management, Memory Management in C, Low-Level Programming, Mobile Development (Android, and iOS), and User Experience (UX) Design.

University of Regina, Regina, SK January 2016 – April 2018

- Explored various fields of study to determine my career interests.

Project Experience

Paramedic Training Application (COSA Project)

- Collaborated with a real industry client to develop a training application for paramedic students and instructors.

- Developed the “Create a New Care Plan” feature using C#, Blazor, Entity Framework, SQLite, and MermaidJS. As steps are added, the flowchart updates in real-time, providing instant feedback for users.
- Developed additional instructor features for care plan visualization and drug monograph integration, improving accessibility and decision-making for paramedics.
- Ensured clean, maintainable code and followed agile methodologies within a development team.

UNO Game (Mock COSA Project)

- Built a Java-based UNO card game with a team over a one-month sprint.
- Used FXML for the UI, JavaFX for animations, and applied object-oriented design patterns.
- Gained experience in team collaboration, version control, and agile development.

Full-Stack Web Development (Personal & Course Projects)

- Developed a RESTful API using Express.js, TypeORM, and SQLite.
- Built a Vue.js frontend with responsive design and authentication features using JSON Web Tokens (JWT) for secure authentication.

Mobile Development Projects

- Android Development: Built a meal planning Android app using Java and Android Studio.
- iOS Development: Developed iOS applications in Swift, with plans to explore a cross-platform framework.
- Focused on responsive design, mobile user experience, and platform-specific optimizations.

Work Experience

International Clothiers, Regina, SK
Keyholder

February 2015 – December 2015

- Managed daily operations, including opening/closing the store and handling cash deposits.
- Trained new employees and provided exceptional customer service.

Volunteer Experience

CNIB Foundation, Regina, SK
2018
Media Spokesperson

CNIB Foundation, Regina, SK
2014
Night Steps Fundraiser

References

Thomas Brewer

Former Manger
International Clothiers
Regina, SK
1-306-527-2770

Jackie Lay

Former Communications Coordinator
CNIB Foundation
Regina, SK
1-306-717-1200