

# Elieser Capillar

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## SUMMARY

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**Software Developer** with over **2 years of experience** creating user-focused, immersive applications specializing in **C#** and **.NET Core**. Skilled in enhancing **user engagement** and delivering **impactful experiences** as a result of working at multiple client-facing companies.

## EDUCATION

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**University of Manitoba | Bachelor of Computer Science (Honours)**

September 2017 - February 2024

- Specialization in Human-Computer Interactions.

## SKILLS

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- **Programming Languages** - C#, Python, Java, HTML, CSS, TypeScript, SQL
- **Tools and Technologies** - Unity, .NET Core, ASP.NET MVC, MSSQL, Vue.js, Git, GitHub Actions, Docker

## EXPERIENCE

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**ZenFri Inc. | Software Developer**

Winnipeg, Manitoba | March 2024 - October 2024

- Designed and built a personalized **AI** museum tour guide application using **Unity, C#, .NET Core, ASP.NET MVC, MSSQL, and Docker**.
- Designed and implemented the backend infrastructure, developing **RESTful APIs** for seamless system communication and integrating **OpenAI's API** for context-aware user interactions.
- Partnered with local museums to develop **AI-powered tools** that automated repetitive curator tasks, improving **workflow efficiency**.

**Ogoki Learning Inc. | Software Developer**

Winnipeg, Manitoba | September 2022 - March 2024

- Led the design and development of **five** immersive language-learning **mobile** applications tailored for K-12 indigenous children, helping preserve ancestral languages using **Unity, C#, and .NET Core**.
- Developed **three** innovative language games, seamlessly integrated into **fifteen iOS and Android** apps, contributing to a revenue increase of over **\$750,000**.
- Refactored legacy projects and built scalable templates, **cutting development time** by two months per project on average—**boosting efficiency** by **50%**.
- Collaborated with clients, artists, and designers to deliver engaging, culturally relevant applications that met aesthetic and functional goals—consistently leading to **successful project delivery** and **positive client feedback**.

## PROJECTS

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**StudyBuddy | Academic Tracker**

April 2023

- Developed a gamified academic tracker for students, using **Vue.js, Typescript, Python, and MSSQL**. Built with a comprehensive test suite (**unit, integration, and regression**) to achieve **80%** code coverage.
- Developed a **CI/CD** pipeline using **GitHub Actions** and **Docker**, replacing a manual testing process that took hours to days, with a fully automated workflow—**reducing deployment time** by up to **90%**.

**Game Hub | Game Item Browser**

November 2022

- Designed a novel game item browser prototype set in an RPG Game World environment using **Unity, C#, and .NET Core**.
- Leveraged continuous ideation, rapid prototyping methods – including **paper prototypes, storyboards, and Wizard of Oz** techniques – and **user feedback** to iteratively refine the **user experience, maximizing usability** and **engagement**.