Elieser Capillar

elieser.capillar@gmail.com | linkedin.com/in/eliesercapillar | github.com/eliesercapillar | eliesercapillar.dev

EDUCATION

University of Manitoba | Bachelor of Computer Science (Honours)   Graduated February 2024
- Specialization in Human-Computer Interaction.

EXPERIENCE

ZenFri Inc. | **.NET Developer**   Winnipeg, MB (Remote) | March 2024 - October 2024
- Developed and deployed AI-driven interactive tools for museums, enhancing visitor engagement metrics by 60% and increasing overall satisfaction ratings by 20%, utilizing Unity, C#, and .NET Core in an Agile environment.
- Engineered a RESTful API utilizing ASP.NET MVC and Entity Framework Core, improving data retrieval speeds by 40%, which resulted in more efficient workflows for over 200 users.
- Deployed the API on Azure App Service with Docker containers, achieving seamless scalability that supported a 150% increase in traffic during peak usage periods without compromising performance.
- Employed a robust SQL Server database on Azure SQL to streamline data management processes for over 50,000 curator, exhibit, and AI-generated records, enhancing retrieval times by 40% for over 200 concurrent users.
- Developed comprehensive unit testing frameworks with a 90% code coverage rate utilizing NUnit, identifying critical bugs in 30% of system components prior to deployment.

Ogoki Learning Inc. | **Unity Developer**   Winnipeg, MB | September 2022 - March 2024
- Led the design and development of language-learning mobile apps for K-12 Indigenous children using Unity and C#, successfully launching 15 apps across iOS and Android platforms, which contributed to a revenue increase exceeding $750,000.
- Established a CI/CD pipeline using GitHub Actions, streamlining app release processes to the App Store and Google Play Store, which decreased deployment time by 60% and significantly reduced manual workload.
- Employed Docker and Azure Container Apps to host an ASP.NET MVC RESTful API, enhancing user query capabilities on an Azure SQL database with over 100,000 records of words of various Indigenous languages and dialects, resulting in a 30%+ increase in user engagement.
- Refactored legacy projects and built scalable templates, cutting development time by two months per project on average—boosting efficiency by 50%.
- Utilized Jira and Notion to collaborate closely with clients, artists, and developers in an Agile environment throughout the software development life cycle (SDLC), which consistently led to successful project delivery and positive client feedback.

PROJECTS

StudyBuddy | https://github.com/eliesercapillar/StudyBuddy   April 2023
- Developed a gamified academic tracker for students, using HTML, CSS, Vue, JavaScript, TypeScript, Python, Flask and SQL Server, complete with a comprehensive test suite (unit, integration, and regression) using Jest, Cypress, and Unittest—achieving 80% code coverage.
- Spearheaded the establishment of a CI/CD pipeline through GitHub Actions and Docker that automated testing and deployment workflows—achieving a remarkable 70% reduction in deployment time from an average of 10 hours to just 3 hours per release cycle.