

Mitchell L. Frehr

(+61) 0419.198.664 • mitchellfrehr@gmail.com • mitchellfrehr.com • <https://github.com/frehrarri>

PROFESSIONAL PROFILE

Passionate software engineer with four years of experience in designing and maintaining software systems in enterprise environments (seven years total experience). Knowledgeable of various languages and software engineering fundamentals. Experienced with the latest cutting edge development tools and procedures. Graduating from Torrens University with a Bachelor's degree in Software Engineering (AI) in winter 2027, where I'll be looking for full time work (or an internship for the right company). Maintains a 500 subclass student visa, but will be a permanent resident once subclass 820 partner visa is approved.

RELEVANT WORK EXPERIENCE

Measurement Incorporated **Web Developer** **May 2022 - Feb 2025**

- Migrated the old Item Bank web app from Webforms to a newer, enhanced version using MVC, allowing the state of Michigan to more effectively streamline their workflow and remove tight coupling from the original version.
- Created new pages and refactored old features leading to improved UI/UX.
- Implemented unit tests to improve app coverage, which reduced downtime to preventable bugs.
- Performed code reviews (and QA testing) of other developers code to ensure high quality code was being committed. Merged and deployed these changes.
- Introduced new tables and modified existing tables and stored procedures to ensure normalization of data.

Technologies used: C#, ASP.NET MVC, Entity Framework, WebForms, HTML, CSS, Bootstrap, JS, JQuery, SQL Server, Subversion

Seminole County Public Schools **Software Developer** **July 2021 - May 2022**

- Converted over 40 legacy apps from .NET Framework to .NET 6.
- Automated process of receiving students test scores and reporting them to the Dept of Education to eliminate human error, reduce turnaround time, and free up availability for the Assessment & Accountability department.
- Updated organization's Nuget libraries with frequently used models and functions.
- Created PowerBI dashboards to increase visibility into school district data, leading to improved processes.
- Refactored and fixed issues with enrollment application sending and receiving http requests with Canvas API.

Technologies used: C#, .NET Core, Entity Framework Core, HTML, CSS, Bootstrap, JS, JQuery, SQL Server, PowerBI, Azure Devops (TFS), Git

HIGHLIGHT OF LANGUAGES & TECHNICAL SKILLS

<u>Languages</u>	<u>Frameworks</u>	<u>Databases</u>	<u>Version Control</u>	<u>Tools & Libs</u>
HTML	.NET MVC	SQL Server	Git	JQuery
CSS	.NET WebAPI	PostgreSQL	Subversion	Postman
JavaScript	Entity Framework	MySQL		PowerBI
C#	JUnit			Bootstrap
Java	Web Forms			
Python				

EDUCATION

Torrens University , Software Engineering (AI)	<i>Bachelors Degree</i>	In Progress - Class of 2027
University of South Florida , General Studies	<i>Associates Degree</i>	Class of 2018
University of South Florida , Software Development	<i>Certificate</i>	Class of 2021

OTHER WORK EXPERIENCE

Verizon Connect , Tampa, FL	Business Development Rep	Jan 2019 - Dec 2020
University of South Florida , Tampa, FL	Lab Support Supervisor	Mar 2017 - Jun 2018
University of South Florida , Tampa, FL	Veterans Service Rep	Mar 2016 - Mar 2017
United States Army , Fort Richardson, AK	Cavalry Scout (19D)	Nov 2010 - Mar 2014