

Jordan Castro

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SKILLS

- **Languages:** HTML5/CSS/SCSS, JavaScript/TypeScript, C#, Dart, Python, SQL
- **Libraries/Frameworks:** Angular, ASP.NET Core, Flutter, Vue 3, Node, Express, NestJS
- **Tools:** Microsoft SQL Server, PostgreSQL, Azure DevOps, VS Code, Visual Studio, Xcode, Data Studio, Heroku

WORK EXPERIENCE

Software Developer | Dealer-FX | Jan. 2024 – Jan. 2025

- Developed API endpoint and stored procedure that receives and parses over 20 Infobip email delivery statuses to add spam report and blocked entries to MS SQL domain suppression table for use when sending client emails.
- Created toast message flow to display customer actions such as repair order approval, rejection, email delivery status, and text message notifications live in the dealer portal.
- Implemented user stories to enable different user roles to access the appropriate parts of the dealer portal and made bug fixes for repair order status updates on real-time web app used by over 50,000 dealerships worldwide.
- Created MS SQL stored procedures with joins across up to 8 tables to select service lines for shop config page.
- Wrote form validations for dynamically generated shop configurations page in Postgres DB.

Software Developer | Paraluent | Sept. 2022 – Sept. 2023

- Developed Mutual Fund Fee Calculator app for BMO using Angular Material and .NET Core that generates a summary table and PDF of fee comparisons between 3 portfolio types that can hold over 1200 distinct funds.
- Implemented fee calculations according to fund investment value, fund MER, and specifications for 3 portfolio types, 13 provincial taxes, and total portfolio discounts for Mutual Fund Fee Calculator app.
- Utilized Angular Material to develop typeahead search, filtering of funds by 4 categories, and CRUD operations on Mutual Fund Fee Calculator app portfolio.
- Fixed AODA Accessibility issues on MFFC app pertaining to keyboard and screen reader accessibility.
- Programmed summary screen and form validation on SmartForm app for BMO according to client spreadsheet.
- Created dynamic PDF generation feature for BMO Cost of Borrowing Calculator that allows branch and customer summary copies to be printed for 3 loan transaction and 6 loan type options using ASP.NET and iText.

Jr. Software Engineer | MCAP | Jan. 2022 – Apr. 2022

- Developed a multipage web analytics dashboard app with Vue 3 and ASP.NET Core to display selected metrics from MS SQL DB sorted by over 10 brands for homeowner, broker, and lender, and sites for chosen date range.
- Created an interactive web analytics dashboard using Google Analytics/Data Studio for business owners to visualize critical metrics such as user count and traffic source over a selected date range across 10 tenant sites.

Front-End UX/UI Developer | Gore Mutual Insurance | May 2021 – Aug. 2021

- Employed ASP.NET and MySQL to make a single-page report with excel export functionality for a time-tracking enterprise software to display the allocated hours of over 400 employees under a chosen manager and timeframe
- Updated goremutual.ca plugins, fixed UI bugs, and deployed changes to production on Pantheon.

PROJECTS

Castro Cookbook

- Created a recipe storage and sharing IOS app using Flutter that has a 5.0 rating on App Store and 55 users.
- Implemented SQLite database on user phone to manage created recipes using SQFLite.

Lea Quotes App

- Built a full-stack mobile web app with Auth0 user authentication using Angular and NestJS that is used to create and display 'conversations' with a title and context.
- Developed a REST API for CRUD operations on conversation entries stored in a multi-table PostgreSQL DB.

EDUCATION

University of Waterloo – BASc in Computer Engineering | Sept. 2020 - Apr. 2025