

# Jordan Castro

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## SKILLS

- **Object-Oriented Programming:** Java, C++, C#, Python
- **Web Dev:** HTML, CSS/SCSS, JavaScript/TypeScript, Node.js, Angular, React, Express, NestJS, ASP.NET, SQL
- **Tools:** Git, Confluence, Jira, PostgreSQL, MySQL, Heroku, WordPress

## PROJECTS

### **LeaQuotesApp**

- Built a full-stack mobile web app using Angular and NestJS that is used to create and display 'conversations' with a title and context.
- Developed an Express REST API to handle CRUD operations on conversation entries stored in two PostgreSQL tables that relate saved phrases with the appropriate conversation.
- Implemented features such as input sanitization with regex and phrase ordering using insertion sort.
- Produced user authentication functionality through the Auth0 Angular SDK.

### **MCJewelry Pricing Tool**

- Created and deployed a responsive full-stack web application to Heroku with an Express REST API for a jewelry business that is used to manage inventory and price items.
- Implemented a CRUD back end using NestJS and TypeORM that enables admins to interact with the PostgreSQLDB.
- Designed the front end with material, fineness, and size as jewelry bead search parameters to assist when pricing a whole item.
- Included automatic price conversion into CAD based on the unit price and native currency of each bead.

### **Week Planner Web Application**

- Developed a web application using HTML, CSS, and JavaScript that enables students to manage their time by scheduling events for the week in a week-long calendar.
- Utilized the DOM API to design and display the client-side validated form which allows the creation of new events.
- Applied the Web Storage API to store and retrieve the users' event data locally in order to retain and display event information even after closing the browser.

## WORK EXPERIENCE

### **Front-End UX/UI Developer | Gore Mutual Insurance | May 2021 - September 2021**

- Co-led a website audit of goremutual.ca to plan fixes for accessibility issues using Jira and WordPress.
- Assisted senior web developer with updating website plugins, fixing bugs, and deploying to live on Pantheon.
- Developed security vulnerability fixes for several API end points on enterprise software using C# and Veracode scans.
- Implemented ASP.NET and MySQL to make an interactive single webpage report with excel export functionality for a time-tracking enterprise software to display the allocated hours of all employees under a chosen manager and timeframe.

### **Cashier, Store Retailer | Dollarama | May 2020 - September 2020**

- Operated cash register by making accurate change, facilitating item exchanges, and appropriately requesting backup.
- Organized store merchandise into categories by aisle, directed customers to their desired items, and stocked shelves.
- Greeted customers and enforced Covid-19 related health precautions in a polite and professional manner.

## AWARDS AND QUALIFICATIONS

- Received assistant lifeguard certification and the Bronze Cross award from the Royal Life Saving Society.
- Self-taught professional working level Spanish.

## EDUCATION

**University of Waterloo – Candidate for BSc in Electrical Engineering | Sept. 2020-Apr. 2025**