

# Marcos Gonzalez

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## EDUCATION

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### Lehman College

*Bachelor of Science in Computer Science*

- Academic Honors: Cum Laude (GPA: 3.6)

2018 – 2021

*Bronx, NY*

## TECHNICAL SKILLS

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**Languages:** JavaScript, TypeScript, Java, C#, Python, HTML, CSS, SQL

**Frameworks:** Node.js, Express, React, Spring, .NET, Tailwind CSS, Bootstrap

**Databases:** PostgreSQL, Microsoft SQL Server, MongoDB

**Developer Tools:** Git, GitHub, VS Code, IntelliJ IDEA, Visual Studio, Eclipse, Postman, Jupyter Notebook

## PROJECTS

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### MangaNotifications | *JavaScript, Node.js, MongoDB*

[Source Code](#)

- Built a bot that allows users to subscribe to any series and receive notifications when new chapters are released.
- Interacted with the Discord API to implement the logic that allows the bot to send messages and read commands.
- Retrieved and stored series data from the MangaDex API whenever the user searches for a series and for any series that is not found the bot instead uses the Cheerio/Puppeteer libraries to scrape that data from other websites.
- Scheduled a cron job using the Node Schedule package that is executed every 30 minutes and loops through every series the user has added to their subscription list and sends a notification for each series that has a new chapter.

### MyBookList | *JavaScript, React, C#, ASP.NET, Microsoft SQL Server*

[Live Demo](#) | [Source Code](#)

- Created a full-stack web application that allows users to catalog all of their books and share them with others.
- Developed a REST API that is organized using the MVC design pattern which serves JSON to the front end and uses Identity to implement cookie-based authentication that only allows authorized users to access the application.
- Integrated the Google Books API to retrieve and store book data and created reusable components to display book covers for the search results returned from the API and for all the books a user has added to their profile.
- Used the Context API to manage the authentication state and used React Router to handle routing with public pages that can be accessed by all users and private pages that can only be accessed by authenticated users.

### Expense Tracker | *TypeScript, React, Java, Spring Boot, PostgreSQL*

[Live Demo](#) | [Source Code](#)

- Developed a full-stack web application where users can manage, track, and visualize all of their transactions.
- Designed a relational database that stores every transaction, and user with Spring Data JPA being used to create repositories that allow the application to access the database and perform all the necessary CRUD operations.
- Incorporated the Spring Security framework to secure the Spring Boot REST API which authenticates users and authorizes each API endpoint, preventing user data from being modified and accessed by unauthorized users.
- Implemented responsive web design by using Tailwind CSS to enhance the application's user experience and ensured that the layouts and styling were responsive and consistent across different devices and screen sizes.

## EXPERIENCE

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### Customer Service Representative

*CFSC*

2014 – 2020

*New York, NY*

- Followed company protocol regarding security to ensure both employees and company assets were protected.
- Processed transactions for clients, including cashing checks, wire transfers, bill payments, and money orders.
- Assisted management by training new customer service representatives and daily balancing of the cash inventory.
- Maintained accurate records of each transaction and ensured all documentation and paperwork were in place and within compliance.