

# Adrian Abella Acosta

Cape Coral, FL • (305) 709-2690 • [adrian.abellaacosta@gmail.com](mailto:adrian.abellaacosta@gmail.com)  
[linkedin.com/in/adrian-e-abella](https://www.linkedin.com/in/adrian-e-abella) • [adrianabella.dev](https://adrianabella.dev) • [github.com/AAA-Triple-AAA](https://github.com/AAA-Triple-AAA)

## EDUCATION

---

**Florida International University**

Miami, FL

**Bachelor's in Computer Science**

January 2024 – December 2025

**GPA:** 4.0 | **Honors:** Summa Cum Laude

**Relevant Coursework:** Software Engineering, Advanced Windows Programming, Database Management

## PROJECTS

---

**Personal Website | [adrianabella.dev](https://adrianabella.dev)**

- Engineered a dynamic, full-stack portfolio website using .NET 10 and Blazor to showcase technical achievements through a responsive user interface.
- Developed a secure, password-protected Admin Dashboard utilizing ASP.NET Core Identity for real-time CRUD management of project data, technical skills, and profile information.
- Optimized data handling with Entity Framework Core and SQLite, incorporating a dedicated file service and ImageSharp to manage image processing and drag-and-drop uploads for project case studies.
- Architected a containerized deployment pipeline using Docker, Docker Compose, and Nginx, leveraging GitHub Actions for automated CI/CD and production-ready architecture.

**Book Store Management System**

- Architected a three-tier desktop application using C# and .NET 8, separating concerns across a Windows Forms UI, Business Objects (BO) layer for validation, and a Data Objects (DO) layer for persistence.
- Engineered a robust data access layer utilizing Entity Framework Core and SQL Server, managing a complex relational schema with 10+ entities including titles, authors, sales, and employee records.
- Collaborated in a team environment to design and build the system, leveraging Git for version control and ensuring modular code structure for improved maintainability and scalability.

**Geek Text API**

- Developed a comprehensive Spring Boot REST API for a bookstore management system, architecting endpoints for book browsing, shopping carts, wish lists, and book ratings/comments.
- Engineered a robust relational database schema using PostgreSQL (Supabase) and Spring Data JDBC, implementing Flyway for automated version control and seamless database migrations.
- Implemented role-based security (RBAC) utilizing Spring Security and a custom API key authentication filter to protect administrative endpoints for author and book creation.

## SKILLS

---

**Programming Languages:** C#, Python, JavaScript/TypeScript, Java, C/C++, SQL, NoSQL, HTML/CSS

**Tools:** .NET, ASP.NET, Entity Framework Core, AWS, Azure, Git, GitHub, Docker, React, NodeJS, Visual Studio Code, UNIX/Linux, xUnit, Office 365

**Concepts:** Data Structures and Algorithms, Web Design, Web Development, Software Design, Software Development, UI/UX Design, CI/CD, Game Development, Database Management, Unit Testing

**General Skills:** Strategic Planning, Concept Design, Performance Improvement, Project Coordination, Writing, Communication, Project Initiation, Project Management, Team Mentoring, Documentation, Training

**Certifications:** CodePath Intermediate Web Development, CodePath Intermediate Technical Interview Prep, CodePath Intro to Android Development

## EXPERIENCE

---

**Delivery Driver – Uber Eats | Cape Coral, FL**

June 2024 – present

**Cast Member – Cineplex | Oakville, ON**

August 2021 – November 2021

**Crew Member – McDonald's | Oakville, ON**

November 2019 – September 2020

**Dog Walker – Neighbor | Oakville, ON**

July 2015 – January 2018