

# Adolfo Martinez

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## Skills

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**Languages:** Java, Python, SQL, HTML5, CSS, JavaScript, C, C++

**Frameworks & Libraries:** Node.js, Mongoose, Firebase, Express, Next.js, React, FastAPI

**Databases:** MongoDB (Atlas), Firebase Firestore, MySQL

**Tools & Platforms:** Android Studio, Git, GitHub, Postman, Visual Studio Code, PyCharm

**Leadership Skills:** Team leader, management

**Interpersonal Skills:** Communication, teamwork, critical thinking

## Relevant Coursework

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Data Structures and Algorithms, Web Application Development, Database Systems, Software Engineering, Artificial Intelligence, Mobile App Development

## Work Experience

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**Tech Development Intern**, EcoServants (Non-profit) – Remote May 2025 – Present

- Boosted nonprofit website traffic by 30% by optimizing blog content and metadata for SEO
- Improved accessibility and user efficiency of volunteer cleanup app by integrating a speech-to-text feature, reducing form completion time and increasing usability for all volunteers

**Web Development Intern**, TechElevate (Non-profit) – Remote June 2025 – Present

- Maintained and updated TechElevate's React website, by adding new components, fixing UI bugs, and ensuring consistent styling across pages, improving user experience
- Collaborated with rotating project teams to build custom websites for nonprofit clients, by gathering requirements, assigning roles, and developing React-based solutions tailored to each organization's mission
- Strengthened communication and project delivery, by conducting client meetings, presenting design mockups, and incorporating feedback into iterative development cycles

## Projects

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**Restaurant API**, github.com/adolfo11714/RestaurantAPI April 2025

- Led cross-functional collaboration on a team of 4 to develop a scalable backend restaurant API, streamlining task delegation with GitHub Projects and ensuring consistent progress through weekly standups and real-time team communication
- Improved code quality and accelerated development by 40% by introducing robust Git workflows, proactively resolving merge issues, enforcing data validation with Pydantic models, and integrating FastAPI's Swagger UI to support faster debugging and API testing

**My Air Website**, myairclt.com May 2025 – Present

- Built a responsive and modular website using React and TypeScript, by designing reusable components and styling them with Tailwind CSS, improving development speed and maintainability
- Maintained clean and trackable version history, by following GitHub conventional commit standards during development, enhancing collaboration and commit clarity

## Education

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**University of North Carolina at Charlotte**, B.S. in Computer Science January 2024 – May 2026  
Charlotte, NC

- GPA: 3.6

**Central Piedmont Community College** January 2023 – December 2023  
Charlotte, NC

**Gaston College**, Associate of Arts September 2018 – December 2022  
Dallas, NC

- GPA: 4.0