Adolfo Martinez

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Skills

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

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

Work Experience

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

Restaurant API, github.com/adolfo11714/RestaurantAPI   April 2025
- Built a collaborative backend restaurant API as part of a 4-person team, by coordinating weekly standups, assigning tasks via GitHub Projects, and using group chats and issue tracking to maintain clear communication
- Boosted development speed and code reliability by 30–40%, by establishing clean Git workflows, resolving merge conflicts, using Pydantic for schema validation, and leveraging FastAPI's auto-generated Swagger docs

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

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