Adolfo E. Martinez

AdolfoEMartinez.com

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Skills

Languages: Java, TypeScript, SQL, HTML5, CSS, JavaScript, Python, C, C++
Frameworks: Node.js, Express, Next.js, React, Tailwind CSS
Databases: MongoDB (Atlas), Firebase Firestore, MySQL
Tools & Platforms: Visual Studio Code, Android Studio, Git, GitHub, Postman, 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

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

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

Website Developer, My Air LLC (myairclt.com) – Remote   May 2025 – Present
- Built and maintained a responsive React + TypeScript website in a team setting, boosting devolpment speed by 40% and reducing bugs by 30%
- Led client communication and task prioritization, improving satisfaction by 25% while ensuring clean Git workflows through conventional commits

Projects

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

Education

University of North Carolina at Charlotte, B.S. in Computer Science   January 2024 – May 2026
Charlotte, NC
- GPA: 3.6/4.0

Gaston College, Associate of Arts   September 2018 – December 2022
Dallas, NC
- GPA: 4.0/4.0