Francisco Diaz de Villalvilla

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Full-Stack Developer | Software Engineer | Project Manager

EDUCATION

Florida International University, Miami, FL – **Fall 2022 - Fall 2025**

Bachelor's in Computer Science & Minor in Project Management | GPA: 3.5/4.0 | **Expected Graduation:** December 2025

- Programming 1 & 2, **Data Structures**, Discrete Math, Computer Architecture, Operating Sys. , **Software Eng. I,** Sys. Analysis.

Miami Dade College, Associate in Arts in Computer Science – **2019 - 2022**

WORK EXPERIENCE

Full-Stack Engineer & Founder, LITE Trainer Coaching — **April 2025 - Present**
- Developed and deployed a **production-grade SaaS platform** for fitness coaches, enabling client management, user management, payments, and scheduling through a secure, scalable **full-stack Next.js** with **TypeScript**, **Tailwind CSS** and **MongoDB** architecture.
- Implemented **RESTful APIs**, **JWT authentication**, and role-based data access; integrated **Stripe** for secure payment processing.
- Optimize **SEO**, performance and UI responsiveness while managing **Agile** sprints and production deployments on **Vercel.** | litetrainer.com

Web Developer Intern, Florida International University - College of Engineering & Computing – **June 2025 - August 2025**
- Collaborated with the school's web team to **design, maintain, develop** and **document workflows** for departmental websites with **WordPress**.
- Utilized **Figma** to design wireframes and prototypes, aligning visuals with university branding and accessibility standards.

Software Developer, Freelance – January 2025 - Present
- Delivered several timely projects using **React, JavaScript, Node.js, Express, MongoDB, Google Firebase, SQL and GitHub.**
- Collaborated with clients using **Agile methodologies** to design, develop, and deploy **responsive full-stack web applications**.

Restaurant Server, Texas Roadhouse – **September 2020 - December 2024**
- Thrived in a **fast-paced environment**, honing **communication, multitasking** and **customer service skills** with **dynamic goals**.

RELEVANT PROJECTS

MyMusicApp, INIT Build Program – **October, 2025 - December, 2025**
- Leading a front-end team of 4, on a 9 week agile sprint developing a full stack project using modern front end technologies and API's.

Fitness Coach Website, React.js, HTML/CSS, Figma, SEO — **April, 2025**
- Developed a responsive **React** based website for a fitness coach with custom features and **intuitive UX/UI**.
- Optimized site structure, meta tags and load performance, leading to a 30% increase in organic traffic within the first month

Full-Stack Recipe Application, JavaScript, Node.js, Express, MongoDB, Firebase SDK, HTML/CSS — **March, 2025**
- Engineered a secure **full-stack** application with user authentication, secure login and complete CRUD functionality.
- Built **RESTful API** using **Node.js**, **Express.js**, and **MongoDB**; integrated image handling with **Firebase SDK**.
- Implemented **secure login, hashed passwords** and deployed code on GitHub.

Contacts RESTful API, JavaScript, Node.js, Express.js, MongoDB – **January, 2025**
- Designed and implemented a secure **RESTful API** with **JWT**-based user authorization and full CRUD operations.

SKILLS

- **Programming Languages**: **TypeScript**, **JavaScript**, Python, Java, C, C++, HTML, CSS, MySQL
- **Frameworks & Tools**: **Next.js**, React, Node.js, Express.js, Git, MongoDB, Power BI, Firebase, Figma, Postman, **Linux**, Agile / Scrum
- **Competencies**: **Full-Stack Development**, REST API, User Authentication, UI/UX, **Project Management**, Problem-Solving, Documentation.

LEADERSHIP & VOLUNTEERING

Hackathon Participant, SharkByte (Miami Dade College) – **November, 2025**
- Participating in a collaborative fast paced hackathon and contributing to planning, development and presentation of the final prototype.

Web Developer, 48in48 – **October, 2025**
- Contributed technical expertise during 48in48, helping a nonprofit establish an online presence and expand its community reach.

Technical Mentor, ShellHacks (FIU) – **September, 2025**
- Provided technical guidance and mentorship to students during a 3 day **hackathon**, in debugging, Git workflows, and project planning.

CERTIFICATIONS & LICENSES

- **Power BI Essential Training Certification,** Linkedin – **August, 2025**
- **Workflow Specialist,** Asana – **April, 2025**