

# 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

- Built 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 **REST API's**, **JWT authentication**, and role-based data access; integrated **Stripe** for secure payment processing.
- Optimized **SEO**, performance and UI responsiveness while managing **Agile** sprints and production deployments on **Vercel**. | [litetrainer.com](https://litetrainer.com)

### Web Developer Intern, Florida International University - College of Engineering & Computing – June 2025 - August 2025

- Collaborated with the web team to **document workflows** and system procedures for websites, supporting long-term process standardization.
- 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

### ElevatePath AI, 3rd place, SharkByte Hackathon(Miami Dade College) – Gemini API, React.js, FastAPI, Python – November, 2025

- Created a **full-stack AI** app that **scrapes MDC data** and uses **Gemini API** to generate personalized degree pathways from natural-language.
- Led the development solo while collaborating with a non technical team in **under 36 hours**, securing **3rd place** in the Hackathon.
- Deployed the Frontend on **Vercel** and Backend on **Render**, using **FastAPI** and **React** as main tech stack.

### MyMusicApp, INIT Build Program – MERN Stack, Spotify API – October, 2025 - December, 2025

- **Leading** a 4-developer frontend team in a 9-week Agile sprint developing a full stack project using modern front end technologies and **API's**.
- Build core frontend features including login/signup, settings, and playlist views using **React**, **Tailwind CSS**, and **Spotify API** integrations.

### 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**

### 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, GitHub, Git, Power BI, Firebase, Figma, Postman, **Linux**, Agile & SDLC
- **Competencies** – **Full-Stack Development**, REST API, UI/UX, **Project Management**, Problem-Solving, Workflow Documentation.

## LEADERSHIP & VOLUNTEERING

### Technical Mentor, ShellHacks Hackathon – 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