Juan Andrés **Méndez Galvis**

| Full-Stack Developer | Next.js | React.js | TypeScript | Redux | Django/DRF | PostgreSQL |

About me

Experienced Full-Stack Developer with a robust foundation in Computer Science and Mechanical Engineering, currently employed at Leanware and pursuing a Master's degree in Computer Science. With over 7 years of experience, I specialize in building scalable and efficient web and mobile applications, leveraging technologies such as React, Next.js, and TypeScript. My expertise extends to backend development using Python, Azure, Firebase, and implementing CI/CD pipelines.

As an independent contractor, I have successfully delivered projects for diverse clients, emphasizing Extreme Programming (XP) principles and clean, maintainable code. I excel in creating responsive, user-friendly front-end solutions with Material UI, and scalable backend systems optimized for performance and security. My technical portfolio includes domain-driven design (DDD), test-driven development (TDD), and integrating IoT devices with minimal resource consumption.

I thrive in collaborative environments, prioritizing effective communication, continuous learning, and fostering a positive atmosphere to achieve impactful results.

Contact

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Languages

- English - Native or bilingual proficiency (C1 certified)
- Spanish - Native Language

2024 - on-going	**Master's in System & Computing Engineering** Colombia **University of Los Andes** *Faculty of Engineering* Focused on advanced topics such as Solution Architecture, Big Data, VR Development, and Concurrency, enhancing expertise in software design and architecture patterns.
2018-2023	**System & Computing Engineering** Colombia **University of Los Andes** *Faculty of Engineering* Comprehensive training in designing and implementing complex systems with a strong foundation in both theoretical and practical applications across industries.

💼 WORK EXPERIENCE

Aug(2024) - Jan(2025)

Senior Full-Stack Engineer   Remote
Leanware

Spearheaded the development of a high-performance project using React, Vite, and Material UI, optimized for Raspberry Pi devices. Delivered a streamlined wizard-like component for solution setup and backend solutions based on design patterns, enabling efficient IoT device management with minimal resource consumption. Successfully led the project within a team of two, achieving outstanding performance.
Stack Used: React, Next.js, Typescript, Material UI, Django/DRF, Redux, Sentry, AWS.

Sep(2023) - Aug(2024)

Senior Full-Stack Developer (Front-End Focus)
Remote
Capgemini

Designed and implemented key business features in a React and TypeScript monorepo, leveraging microfrontend and microservices architectures. Optimized backend interactions, resolved legacy bugs, and created reusable internal packages. Recognized for promoting best practices, leading React troubleshooting, and having one of the highest closed PR counts in the team.
Stack Used: React, TypeScript, GraphQL, Apollo, Cypress, Node.js, Karate

2018-2023

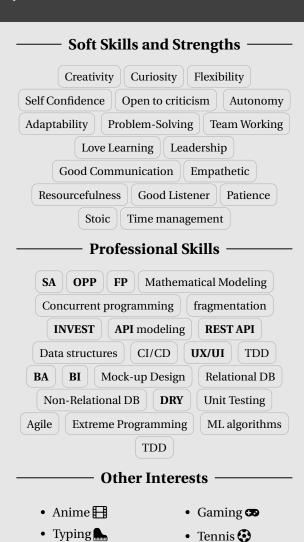**Independent Contractor - Full-Stack Development**   Remote
Multiple Clients (e.g., Martes de Vacantes)

Collaborated with cross-functional teams to develop web and mobile applications using Python, Azure, Firebase, and React. Created scalable front-end applications with Material UI and Next.js while implementing CI/CD pipelines and adhering to extreme programming principles. Optimized applications for performance and scalability, refactored legacy codebases, and provided technical leadership.
Stack Used: Python, Azure, Firebase, React, Next.js, Material UI, CI/CD

General Skills and Key Competencies:

- Proficiency in front-end technologies including React, Next.js, TypeScript, and Material UI.

- Expertise in backend development with Python, Azure, Firebase, and IoT integration.

- Skilled in clean coding practices, domain-driven design (DDD), and test-driven development (TDD).

- Strong focus on performance optimization, scalability, and system architecture.

- Experienced in CI/CD implementation, extreme programming, and refactoring legacy code.

Soft Skills and Strengths

Creativity | Curiosity | Flexibility

Self Confidence | Open to criticism | Autonomy

Adaptability | Problem-Solving | Team Working

Love Learning | Leadership

Good Communication | Empathetic

Resourcefulness | Good Listener | Patience

Stoic | Time management

Professional Skills

SA | **OPP** | **FP** | Mathematical Modeling

Concurrent programming | fragmentation

INVEST | **API** modeling | **REST API**

Data structures | CI/CD | **UX/UI** | TDD

BA | **BI** | Mock-up Design | Relational DB

Non-Relational DB | **DRY** | Unit Testing

Agile | Extreme Programming | ML algorithms

TDD

Other Interests

- Anime 🎞
- Typing 🎹
- Travel ✈
- Gym 🏋

- Gaming 🎮
- Tennis ⚽
- Learning Japanese 📚

My repos
Checkout my github account

🚀 Personal Projects

Discord Clone | ♀ | 🌐
📅 12 2022 – 01 2023

- **Nextjs 13 AppDir,Typscript, Turbopack, Tailwind CSS**
- Adaptive darkmode, **SSR**

BudG Mobile App | ♀ | 🌐
📅 02 2023 – 05 2023

- **Kotlin Android, Firebase, Mulithreading**

Engym | ♀ | 🌐
📅 01 2022 – 08 2021

- **Python, OpenAI, Tensorflow**

🖥 INFORMATION TECHNOLOGY SKILLS

Full-Stack Web Development	**Firebase**: *Highly Specialized* **Google Analytics**: *Highly Specialized* **Django/DRF**: *Highly Specialized* **Expressjs**: *Advanced* **Nodejs**: *Highly Specialized* **MongoDB**: *Advanced* **PostgreSQL**: *Highly Specialized* **React** : *Highly Specialized* **Nextjs**: *Highly Specialized* **TailwindCSS**: *Highly Specialized* **Redux**: *Advanced* **Jest**: *Highly Specialized* **Cypress**: *Highly Specialized* **Apollo**: *Advanced* **GraphQL**: *Advanced* **Spring Boot**: *Advanced* **Cloud Azure**: *Highly Specialized*
IDE & OS	**Neovim**: *Highly Specialized* **ArchLinux**: *Highly Specialized*
Office Automation	**MS Office (Excel, Word, PowerPoint)**: *Highly Specialized* **LaTeX**: *Advanced*

</> PROGRAMMING LANGUAGES

- **Python**: Highly Specialised
- **JavaScript**: Highly Specialised
- **TypeScript**: Highly Specialised
- **Java**: Highly Specialised
- **SQL**: Highly Specialised

- **HTML/CSS**: Highly Specialized
- **C#**: Advanced
- **C++**: Advanced
- **Elixir**: Intermediate
- **Flutter**: Intermediate