

John Marulanda

Front-End Developer & UX/UI Designer

I'm a Developer and UX/UI Designer passionate about learning and creating meaningful tech solutions. I've worked on diverse projects involving front-end, back-end, machine learning, and design. I'm driven by constant growth and the challenge of pushing creative and technical boundaries.

Seeking roles in front-end development or UX/UI design.

Contact

johnmarulanda74@gmail.com

+573157638930

[Portfolio](#)

[GitHub](#)

[LinkedIn](#)

Work & Project Experience

University Teaching Assistant & Support Monitor

Universidad del Valle | 2+ years

- Mentored students and provided technical assistance across academic projects and tools.
- Managed program logistics and inventory systems to ensure smooth operations.
- Designed promotional graphics and marketing materials for academic initiatives.
- Maintained documentation and archive systems, ensuring data integrity and accessibility

Software Development & UI/UX Design

Freelance Developer & Designer – Remote | 2021–Present

- Built responsive web apps using Vue.js, Angular, React, TailwindCSS, and TypeScript.
- Developed betting and POS platforms with attention to security and fraud prevention.
- Ensured accessibility and performance compliance across browsers and devices.
- Managed client communications and remote project delivery as a freelancer.

Real-time hand gesture recognition system prototype for human-computer interaction

Project Lead | 2024 – 2025 | [gest-os.vercel.app](#)

- Led development of cross-platform app using Electron, React, Python (FastAPI, OpenCV, MediaPipe).
- Integrated full-stack features from UI/UX to backend gesture detection logic.
- Conducted real user testing and ensured accessibility compliance (WCAG).
- Optimized system performance for real-time interaction and accuracy.

Education

Systems Engineering. GPA [3.6]

Graduation Date: 2025

Universidad del Valle - Tuluá, Colombia

- **Relevant Coursework:** Web Applications Development, Software Development I & II, Algorithm Design & Analysis, Database Management, Computer Networks & Wireless Technologies, Artificial Intelligence, Project Management & Evaluation, Software Testing & Quality Assurance, Computer Graphics, Systems Architecture.

Skills & Tools

Development

- HTML5, CSS3, JavaScript
- TypeScript
- React, Next.js
- Tailwind CSS, Sass
- Python, Golang
- SQL, NoSQL
- GitHub
- AWS
- RESTful APIs

Design

- Figma
- Adobe Creative Suite
- UX/UI
- Design Principles
- User Research
- Prototyping
- Animation

Soft Skills

- Communication
- Design Thinking
- Problem Solving
- Continuous Learning

Languages

- English (Fluent - B2)
- Spanish (Native)

Certification

- [Front-End Development - Meta](#)
- [UX/UI Design - Meta](#)
- [Machine Learning - AWS](#)
- [AI Essentials - Google](#)