Juan Manuel Grajales Urquijo

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Systems Engineer with 2+ years specializing in Frontend development. Optimized self-service processes in fintech, achieving a 2-minute reduction per transaction. Developed the corporate base template with Atomic Design and hexagonal architecture at Tuya S.A., standardizing development for the development team. Led implementation of real-time dashboards and PQRS systems that improved internal and external communication. Passionate about technological innovation, knowledge sharing, and developing scalable solutions.

PROFESSIONAL EXPERIENCE

Tuya S.A. **Medellín, Colombia**
Frontend Engineer *April 2024–Present*

- Developed and maintain the web platform for collection self-management, increasing self-service rates by 35%.
- Led the development of a new payment solutions portal, optimizing UX and improving web performance, reducing management time by 2 minutes per transaction.
- Developed corporate base template implementing Atomic Design and hexagonal architecture, standardizing Frontend development for the entire development team (+15 developers).
- Implemented an internal system for locating clients without identification, improving verification accuracy and reducing follow-up times.
- Established technological standards and development patterns that ensure consistency, maintainability, and scalability across all Frontend projects.

PrevalentWare **Medellín, Colombia**
Frontend Developer *June 2023– April 2024*

- Developed custom ERP software for 4+ clients across various sectors.
- Managed comprehensive critical information management, enabling the company to optimize internal processes and improve end-user experience.
- Implemented master data systems that simplified the creation and maintenance of critical elements by 50%, reducing configuration errors.
- Collaborated with multidisciplinary teams using SCRUM methodologies.

Sysdatec **Medellín, Colombia**
Frontend Developer *March 2023– May 2023*

- Optimized file management processes, increasing team productivity by 25%.
- Designed interactive applications for PQRS procedure management, improving response times and internal user satisfaction.
- Led the design and implementation of a real-time analytics panel for informed decision-making.

EDUCATION

UNIVERSIDAD DE ANTIOQUÍA **Medellín, Colombia**
Systems Engineering *September 2024*
Featured Research Work: *["Application of Atomic Design to Improve Frontend Project Efficiency: A Methodological Approach to Optimize User Interface Development"](#)* - Available in institutional repository

TECHNICAL SKILLS

- **Frontend:** React, Next.js, TypeScript, JavaScript, HTML5, CSS3, Tailwind CSS.
- **Architecture:** Atomic Design, Hexagonal Architecture, Design Systems, Component Libraries.
- **Testing:** Jest, React testing library.
- **Backend & APIs:** Node.js, GraphQL, RESTful APIs, SQL
- **Tools:** Git, AWS, SCRUM/Agile, CI/CD

ADDITIONAL SKILLS

- Web development tutor and speaker in the development and modern technologies community at Universidad de Antioquia Web3ForU
- Native Spanish speaker. English (B1 - Intermediate)