

# Maximiliano Perez Coto

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## Senior Frontend Engineer

Product Interfaces • Data-Heavy UIs • Developer & Internal Tooling

Senior software engineer with 14+ years of experience building user-facing applications and internal tools, including 6+ years working extensively on modern frontend stacks. Specialized in complex, data-driven UIs, real-time dashboards, and frontend systems tightly integrated with backend and financial infrastructure. Strong product sense, clear communication, and deep understanding of how frontend decisions impact system reliability and user trust.

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## Core Expertise

### Frontend Engineering

- React architecture & component systems
- Complex state management (async, real-time, derived state)
- Data-dense dashboards & admin interfaces
- Frontend performance and reliability
- API-driven UI design

### Product & UX

- Translating ambiguous requirements into usable interfaces
- UX for financial and technical users
- Error states, loading states, and edge-case UX
- Internal tooling and operational UIs

### Integrations & Systems Awareness

- Deep understanding of backend APIs and data models
- Auth flows, wallets, permissions, and role-based access
- Real-time data via websockets and polling
- Observability and debuggability in the UI

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## Tools & Technologies

React, TypeScript, JavaScript, Node.js, Next.js, REST APIs, WebSockets, GraphQL, Ethers.js, Tailwind / CSS-in-JS, Vite, CI/CD

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## Professional Experience

### Maxos — Tech Lead / Senior Frontend Engineer

Jan 2022 – Present

Led frontend development for multiple production financial systems, focusing on reliability, clarity, and developer usability. Designed interfaces used to monitor, operate, and interact with complex backend and on-chain systems.

#### Slither-UI (Security Tooling)

- Designed and built a frontend for inspecting smart contract storage layouts and analysis results
- Focused on clarity for highly technical users and complex data structures
- Enabled faster debugging and safer deployment workflows

#### DeFi Dashboards & UIs

- Built data-heavy dashboards for lending, vault, and trading systems
- Implemented real-time updates via websockets and polling
- Designed UX for critical actions where mistakes are expensive

#### Vibestation (AI-Driven UI)

- Built conversational UI for interacting with DeFi systems via natural language
- Integrated frontend with AI services and backend execution layers

**Daily stack:** React, TypeScript, Node.js, REST/WebSockets, CI/CD

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### Sonder — Tech Lead / Frontend Engineer

2018 – 2021

Led frontend architecture for a B2B e-commerce platform with programmable payments and escrow logic.

- Built React-based frontend for transaction-heavy workflows
- Designed clear UX around payment states, escrow, and settlement
- Worked closely with backend and product to reduce user error

**Stack:** React, Node.js, Solidity integrations

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## **OutboundWorks — Full Stack Engineer**

**2017 – 2018**

- Built internal tools and user-facing UIs for sales automation
- Focused on usability, performance, and integration with backend APIs

**Stack:** React, Ruby on Rails, GraphQL

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## **Assembla — Full Stack Engineer**

**2012 – 2017**

- Built and maintained complex web interfaces for version control and collaboration tools
  - Worked on long-lived UI systems with large user bases
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## **IBM — Software Engineer**

**2010 – 2011**

- Developed internal dashboards and reporting interfaces for enterprise users
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## **Education**

### **Bachelor's Degree in Computer Science**

Universidad Nacional de La Matanza — Argentina