

# VICTOR FERNANDES

## SENIOR FRONTEND ENGINEER

### SUMMARY

12 years fully remote across product companies - comfortable owning surfaces on a self-directed basis.

**AI enablement and Quality:** Built AI-assisted frontend workflows using headless browsers and MCP loops to accelerate build cycles.

**Performance & scale:** Built CleverTap's open-source Web SDK for engagement and analytics, now reaching 100k+ monthly npm downloads.

**Leadership and Collaboration:** Shaped engineering teams at 4 companies through 250+ technical interviews and mentorship from associate to staff level.

### AI WORKFLOWS

Headless Browsers MCP design.md

LLM streaming UI agents.md

### FRONTEND

React Next.js TypeScript Tailwind

SSR/ISR

### DESIGN & UX CRAFT

Design Systems Accessible UI

Component Libraries Animations

### PERFORMANCE & QUALITY

Web Performance Core Web Vitals

Accessibility Vitest Playwright

### COLLABORATION & LEADERSHIP

Remote Collaboration Mentorship

Async Communication Code Reviews

### EDUCATION

#### COMPUTER SCIENCE ENGINEERING

St Francis Institute of Technology - (2015)

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### FULLTIME EXPERIENCE

#### SSE → FRONTEND TECH LEAD - UPWORK

2023 - PRESENT

Contract Remote

United States (Remote)

- Invited by Upwork HQ and joined them full time as a SSE. Continued working with their enterprise clients full-time. Enterprise Nuxt + Vue.
- DRI for messages on Upwork (20m+ users). Multiple teams collaborated.
- Ssemble:** Led architecture overhaul of in-browser AI video editor - reduced project load time from 30s to under 2s through service workers, bundle optimization, and state management redesign.
- DRI for an AI-powered RFP feature enabling document uploads, RAG-driven automated filling, chatbot assistance, and real-time collaboration.

#### SENIOR FRONTEND ENGINEER - I - AIRBASE

2021 - 2023

Remote

United States (Remote)

- Owned Amex onboarding as DRI, coordinating Amex, Marqeta, and Plaid to ship a complex multi-vendor flow end-to-end. Enabling Amex cards.
- Achieved 80% TypeScript and 100% test coverage for the Growth team.
- Operated across Growth and Reimbursement teams simultaneously, owning frontend surfaces end-to-end.

#### SENIOR FRONTEND ENGINEER - CLEVERTAP

2019 - 2021

Remote

(Remote)

- Initiated and shipped the open-source Web SDK for engagement and analytics, with 100k+ monthly npm downloads.
- Built and launched CleverTap's own component library as a UI platform engineer collaborating with all product and design teams.

#### UI DEVELOPER - II - MEDIA.NET

2018 - 2019

Mumbai, IN

Mumbai, IN

- Built PWAs and analytics-facing web experiences using Vanilla JavaScript, React, Angular, PHP/Node, MySQL, and Redis.
- Improved TTFB by 500% in a legacy PHP and MySQL application by implementing a Redis processor.
- Built a custom WordPress theme with sub-1 second load time and refactored codebases for speed, maintainability, and performance.

#### FREELANCER - UPWORK

2011 - 2018

Contract Remote

Multiple (Remote)

- Completed 120+ contracts with 100% success ratio. Top rated plus status.
- Built multiple web sites and web-apps scoring A grade on GTmetrix.

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