

# EMMANUEL YUPIT

Full-Stack Engineer | React • Node.js • TypeScript

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Cancún, Mexico

## PROFESSIONAL SUMMARY

Full-Stack Engineer with 9 years building distributed systems at scale. Expert in React, Node.js, TypeScript, and AWS. Architected platforms serving 150k users with 99.9% uptime and \$20M ARR impact. Comfortable integrating AI tools (OpenAI API, Claude) to enhance features where they add value. Strong focus on system reliability, performance optimization, and pragmatic technology choices.

## TECHNICAL SKILLS

**Frontend:** React, Next.js, Vite, Tailwind CSS, TypeScript, JavaScript

**Backend:** Node.js, FastAPI, GraphQL, REST APIs, Python

**Databases:** PostgreSQL, Redis, MongoDB, pgvector

**Cloud & Infrastructure:** AWS (EC2, Lambda, SQS, S3), Docker, GitHub Actions

**Tools & Practices:** Git, Agile/Scrum, CI/CD, Microservices, Event-Driven Architecture

**AI Integration:** OpenAI API, Claude, AI-enhanced features

## PROFESSIONAL EXPERIENCE

### Engineering Manager (Contractor)

**Vetted Health | Jun 2024 - Present | United States (Remote)**

- Architected distributed backend systems processing 500 candidates/day using Node.js, TypeScript, and AWS SQS with 99.9% uptime
- Built React micro-frontend feature flag platform replacing LaunchDarkly, reducing costs by 95% (\$50k/year)
- Designed event-driven messaging workflows with WebSockets and AWS SQS for real-time engagement
- Integrated OpenAI API for intelligent candidate screening and sentiment analysis
- Optimized backend systems handling 500 candidates/day while maintaining 99.9% uptime for 150k users

### Senior Software Engineer

**EPAM Systems | May 2022 - Aug 2025 | Mexico (Remote)**

- Designed and optimized booking flow APIs handling 100k+ daily requests, reducing latency by 40% (800ms → 480ms)
- Implemented queue-based async systems for high-volume request processing
- Optimized PostgreSQL queries and Redis caching, improving API response times by 60%
- Contributed to MarketMuse AI content platform frontend architecture
- Built responsive React interfaces for AI-driven insights and content recommendations

### Software Engineer

**Apex Systems | Oct 2020 - May 2022 | Mexico (Remote)**

- Built and optimized React-based UIs with advanced component design and state management

- Created reusable component libraries using Storybook, reducing time-to-production by 30%

## PROJECTS

- **MentiVet - Veterinary Software** | Personal Project | In Development
- Building full-stack clinical note-taking system with React, FastAPI, PostgreSQL, and OpenAI API integration
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- **AI GTM Team Framework** | Personal Project
- Created agent framework consuming MCP servers for marketing automation using TypeScript and Claude API

## EDUCATION

### **B.S. in Data and Business Intelligence Engineering**

Universidad del Caribe | 2021

**Certifications:** Scrum Fundamentals Certified (SFC), React.js — Wizeline Academy

## KEY ACHIEVEMENTS

- Built systems serving 150k+ users with 99.9% uptime
- Reduced API latency by 40% improving conversion by 12%
- Reduced infrastructure costs by 95% (\$50k/year savings)
- Architected distributed systems processing 500 candidates/day
- Contributed to \$20M ARR platform development