

EMMANUEL YUPIT

Engineering Manager | Full-Stack Engineer

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Cancún, Mexico

PROFESSIONAL SUMMARY

Engineering Manager with 9 years building scalable systems and leading high-performing teams. Expert in React, TypeScript, Node.js, and AWS. Led development of platforms serving 150k users with 99.9% uptime and \$20M ARR. Leverages AI tools (OpenAI, Claude) to enhance automation and user experience where appropriate. Proven track record scaling teams, reducing costs by 95%, and delivering measurable business impact.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, SQL

Frontend: React, Next.js, Vite, Tailwind CSS

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

Data: PostgreSQL, Redis, MongoDB, AWS S3

Infrastructure: AWS (EC2, Lambda, SQS, S3), Docker, GitHub Actions, Terraform

AI Tools: OpenAI API, Claude, AI-assisted development

Leadership: Team Building, Hiring, Mentoring, Agile/Scrum, Technical Strategy

PROFESSIONAL EXPERIENCE

Engineering Manager (Contractor)

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

Lead team of 7 engineers responsible for consumer-facing services. Started as contractor while at EPAM (Jun 2024-Aug 2025).

- Architected distributed backend systems processing 500 candidates/day using Node.js, TypeScript, and AWS SQS, maintaining 99.9% uptime while scaling to 150k active users
- Designed event-driven messaging platform with automated engagement pipelines, integrating OpenAI API for intelligent candidate screening
- Built internal feature flag platform (React micro-frontends + AWS) replacing LaunchDarkly, reducing costs by 95% (\$50k/year)
- Led hiring and onboarding of 4 engineers, growing team from 3 to 7 with zero attrition rate
- Improved team delivery velocity by 25% through agile practices and ownership culture
- Reduced incident response time (MTTR) by 60% through better monitoring and on-call processes

Senior Software Engineer

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

Delivered backend systems for large-scale consumer applications. Note: Jun 2024-Aug 2025 overlapped with Vetted Health contractor work.

- Designed and optimized booking flow APIs handling 100k+ daily requests, reducing checkout latency by 40% (800ms → 480ms)
- Built frontend platforms and middleware using Kotlin + GraphQL for promotions delivery
- Implemented queue-based async systems for high-volume processing with multi-million dollar business impact
- Optimized PostgreSQL queries and Redis caching, improving API response times by 60%
- Contributed to MarketMuse AI content platform frontend architecture

Software Engineer

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

- Built and optimized React-based UIs with focus on component design and state management
- Created reusable frontend boilerplates improving development velocity by 30%

EDUCATION

B.S. in Data and Business Intelligence Engineering

Universidad del Caribe | 2021

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

KEY ACHIEVEMENTS

- 150,000+ active users served with 99.9% uptime
- \$20M ARR platform revenue impact
- 95% cost reduction (\$50k/year) replacing third-party platform
- Grew team from 3 to 7 engineers with zero attrition
- 25% improvement in delivery velocity
- 60% reduction in incident response time (MTTR)