

Jose Alvarado

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SUMMARY

Full-Stack Engineer with 6+ years of experience building scalable systems across different domains. Expertise in Python, SQL, distributed systems, and performance optimization. Proven track record in reducing cloud costs, scaling infrastructure, and delivering impactful back-end features with large data in fast-paced environments.

SKILLS

- Postgres | Kubernetes | Elasticsearch | Redis | Pytorch | AWS | Django | Node.js
- Effectively communicate complex technical concepts to non-technical stakeholders, fostering cross-functional collaboration and ensuring alignment across engineering, product, and business teams
- Collaborated with cross-functional teams including product, design, and QA to deliver full-stack features on tight timelines.
- Applied security best practices across APIs and infrastructure, including input validation, access control, and secrets management to safeguard sensitive data.
- Designed and maintained scalable backend services using Python and Golang, optimizing performance and reliability in production environments.
- Deployed and managed cloud infrastructure on AWS and Google Cloud, reducing costs and improving scalability through resource optimization and service consolidation.
- Delivered features iteratively and efficiently while collaborating in fast-paced Agile environments with daily standups, sprint planning, and retrospectives.

WORK HISTORY

ENGINEEARS

Los Angeles, CA

Full Stack Engineer

Jan 2024 – Mar 2025

- Drove a 30% increase in bookings and boosted DAU/MAU retention by leading the full-stack redesign of user dashboards, improving clarity, conversion flow, and usability throughout key user journeys.
- Improved on-boarding completion and engagement metrics by 60% by introducing customized first-time user experiences and simplifying project setup, leading to higher booking conversion within 2 days of signing up.
- Supported a 3x growth in user traffic and bookings over 6 months by developing and optimizing core platform features (messaging, payments, service listings) using React, Django, and PostgreSQL on GCP.

PRICESPIDER

Irvine, CA

Backend Engineer

May 2021 – Dec 2023

- Saved \$100,000/month in AWS costs by conducting a thorough audit of cloud resource usage, implementing S3 storage class optimizations, tuning EC2 instance sizes, and consolidating redundant services across the distributed crawling architecture.
- Automated selector updates across millions of crawls by integrating an AI-based crawler into the pipeline, increasing resilience to DOM changes and significantly reducing time spent on manual config tuning.

- Increased success rate of curl-based crawls from 40% to 70% by integrating curl-impersonate into the custom crawling engine, enabling the use of lower-cost resources to bypass anti-bot protections and significantly reducing infrastructure overhead.
- Built and scaled a distributed web crawling platform capable of processing millions of pages daily by designing microservices architecture with Redis, RabbitMQ, and multiple crawling engines (Puppeteer, Playwright, curl, custom), storing results in S3 and Elastic-search for downstream processing.

STOCK4LESS

Los Angeles, CA

Full Stack Engineer

Jan 2019 – Apr 2021

- Improved order processing efficiency by 35% by designing and implementing a scalable internal order tracking system integrated with shipping providers and inventory services.
- Supported a 25% increase in site traffic and transactions by contributing to the refactoring and performance optimization of the main e-commerce site using React and Node.js.
- Increased customer support response speed by 40% by building an internal ticketing system that streamlined issue triaging and integrated directly with order history and customer data.

PROJECTS

PORTFOLIO SITE

- Built a personal portfolio site using Next.js to showcase engineering projects and writing, with a focus on performance, responsive design, and clean UI to reflect product sense and full stack capabilities.