Pouya Javadi

Software Engineer

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Professional Summary

Full-stack Software Engineer with experience at Meta, Bamboo Health, NCR, and startups. Skilled in React, Rails, Node.js, Hack/PHP, Python, C++, and distributed systems on AWS/Kubernetes. Proven in 0→1 product development, analytics platforms, and modernizing legacy systems. Strong at scaling backends, improving reliability, and integrating AI/ML workflows into user-facing tools.

Experience

Meta — Software Engineer, Search AI | Menlo Park, CA | 10/2024 – 09/2025

- Started Funnel Analysis Platform (0→1) by aligning engineer and PM needs, designing architecture, and integrating LLM/NLP outputs rendered in React dashboards to evaluate query performance and ranking signals.
- Integrated ML pipeline feature outputs into the Funnel Analysis application by building configurations, gatekeepers, and backend services using Python, Hack/PHP, and C++, ensuring seamless experimentation and deployment across Meta's ranking infrastructure.
- Built and deployed interactive dashboards with React, Relay, Recoil, Unidash, and GraphQL to analyze billions of queries, enabling engineers and PMs to visualize trends, debug faster, and make data-driven ML improvements.
- Created asynchronous background jobs aggregating upstream LLM/NLP outputs and exposing them via GraphQL APIs, reducing manual checks and improving reliability of ranking experiments.
- Migrated Minimum Viable Accessibility framework to Blok, shipping iOS/Android features across Facebook and Instagram, significantly improving accessibility.
- Served as first point of contact for XSU policy migration, enabling compliant data sharing across Meta family apps based on user consent, saving $40M in EU regulatory fines. Impact: accelerated ML iteration speed ~20%, cut PM analysis cycles in half, improved engineer UI/UX, and advanced accessibility across Meta apps.

Prudent Scales Systems — Co-Founder & Partner | 03/2023 – 09/2024

- Co-founded startup spun out of Precision Scales, focused on predictive calibration and QC automation for weighing systems.
- Prototyped data-driven calibration tools that measure equipment drift, analyze patterns, and forecast preventive maintenance to reduce costly downtime.
- Piloted solutions with Precision Scales clients, improving compliance confidence and reducing unexpected disruptions. Impact: positioned venture as an innovator in calibration technology with early customer traction.

Bamboo Health — Software Engineer (Full-Stack & SRE) | 07/2021 – 02/2023

- Created automated state licensure integration system (Vue.js, Rails, OAuth) that streamlined compliance workflows, reduced errors, and saved ~6,000 hrs/year.
- Designed and built backend APIs with Rails, developing scalable microservices integrated with Kubernetes and AWS S3/SQS to improve throughput and reliability under high-volume healthcare workloads.
- Led incident response for PDMP systems across 43 states using SumoLogic; automated recurring fixes with Rails + Sidekiq, improving system recovery.
- Optimized Cassandra database queries and schema, cutting cloud costs by 40%. Impact: achieved 99.98% uptime, reduced compliance risk, and enabled faster onboarding for healthcare providers.

NCR Corporation — System Software Engineer | 09/2016 – 07/2021

- Built a new customer asset tracking application (React/Node.js + ERP integration) to track and audit client assets, automate reporting, and improve operational response during critical situations that previously required manual data entry.
- Created automated reporting pipelines that delivered real-time visibility of customer feedback data to enterprise clients.
- Maintained and optimized ATM systems across Orange County; streamlined diagnostics and service workflows, reducing downtime 25% and improving SLA compliance. Impact: improved response rates by 15% and strengthened long-term client retention.

Precision Scales, Inc. — Software Developer | 04/2012 – 08/2016

- Converted static HTML site into a dynamic WordPress eCommerce solution with UPS shipping integration for real-time pricing accuracy.
- Integrated QuickBooks inventory with Thomasnet API endpoints to automate procurement and improve sourcing accuracy. Impact: reduced data entry overhead, improved order accuracy, and shortened turnaround for customers.

Education

California State University Long Beach — B.S. Management Information Systems
Flatiron School — Software Development Bootcamp, 2021

Technical Skills

Languages & Frameworks: React, Relay, Recoil, Node.js, Ruby on Rails, Hack/PHP, Python, C++ , Vue.js, Erlang
Databases: PostgreSQL, MongoDB, Cassandra, RocksDB
Cloud & Infrastructure: AWS (S3, SQS), Kubernetes, Docker, Sidekiq, Jenkins, Splunk, CloudFormation, SumoLogic
Version Control: Git, Mercurial