

Garret Grant

(530) 391-7473 | garret.grant.swe@gmail.com | [LinkedIn](#) | [GitHub](#) | garretgrant.dev

Professional Summary

Software Engineer focused on TypeScript/JavaScript, full-stack applications, API integrations, and reliable cloud infrastructure. Contribute to production edge services and build developer tools.

Technical Skills

Languages: TypeScript, JavaScript (Node.js), SQL, Go, Bash

Applications: React, Next.js, NestJS, REST, GraphQL, PostgreSQL, Prisma, Jest

Cloud and Delivery: AWS, Docker, Kubernetes, Helm, Argo CD, CircleCI

Integrations and Operations: Stripe, Resend, Listmonk, Auth0, CloudWatch, New Relic, Backstage

Professional Experience

Realtor.com (Move Inc): Software Engineer (T2) **July 2024 – Present**

- Cut CloudWatch Logs storage 98.8% (285 TB to 3.4 TB) by applying retention to 556 Lambda@Edge log groups across AWS regions, saving approximately \$100K annually.
- Led development of all five TypeScript/NestJS Starter App versions and the developer-portal template across both roles; used to create 48 repositories, with 19 production services across 13 teams.
- Key contributor to the Tier 1 CloudFront and Lambda@Edge router for www.realtor.com; delivered 51 production change requests in 11 months.
- Codified CloudWatch dashboards as infrastructure as code; added 5xx-error, p99-latency, throttling, and concurrency alarms routed to OpsGenie and Slack; tuned alerts to reduce non-actionable pages.
- Led service migrations spanning 30+ repositories, including Vault to AWS Secrets Manager, Traefik to native Kubernetes ingress, and Node.js 20 to 24 with ESM conversion.
- Built Backstage System Health scorecards, an Org Hub API, and a System Health API.
- Migrated CloudFront access logs to Parquet with Athena/Glue for SEO and incident analysis; moved two production sites to dedicated CloudFront distributions with no downtime.

Realtor.com (Move Inc): Associate Software Engineer (T1) **July 2023 – July 2024**

- Led the initial TypeScript/NestJS Starter App build and developer-portal template development.
- Built a Prisma/PostgreSQL service that automated Backstage user-group synchronization with GitHub and Okta; promoted to Software Engineer within one year.

AT&T: Sales Consultant **2015 – 2021**

Independent Products

[PepPal](#) and [Peptide Dosing Protocols \(PDP\)](#)

Revenue-generating production application and marketing websites.

- Built a React/TypeScript application and NestJS/PostgreSQL backend with Stripe subscription checkout, a customer billing portal, and signature-verified webhooks.
- Developed Next.js websites for PepPal and PDP, plus Resend/Listmonk integrations for transactional email and subscriber management, including rate-limit retries and duplicate-send precautions.
- Containerized the backend with a multistage Docker build and deployed Listmonk as a Docker service, integrating it into application email workflows.

Education

University of California, Los Angeles (UCLA)

Bachelor of Science – Engineering

December 2022

GPA: 3.72