DEVIN NGUYEN

❶ Staff Product Engineer 2025 — Present · **Tennr**

◎ AWS, Node, TypeScript, Next, React, tRPC, Tailwind, Postgres

❷ Principal Software Engineer 2024 — 2025 · **AidKit**

◎ AWS, Node, TypeScript, React, Tailwind, Express, Postgres (PostGIS, pgvector)

● Led three engineers as Product Engineering tech lead to build an aid distribution platform for government and nonprofit orgs, processing $350M+ in aid to date.

● Built geospatial mapping with CAL FIRE data integrations to launch LA Wildfire Relief initiatives in two weeks, distributing $25M+ to victims of Jan 2025 wildfires.

● Built 0 → 1 self-serve Admin Panel for managing program configuration and payments.

● Developed fraud mitigation pipeline using TensorFlow and vector-based document analysis improving processing performance from several minutes to under 1 second.

● Established Storybook component library and design system.

❸ Principal Software Engineer 2021 — 2023 · **HYPR**

◎ AWS, Kotlin, Java, Spring Web, Typescript, React, Keycloak

● Led five full-stack engineers to launch SaaS platform for enabling passwordless authentication for enterprise IdPs (Okta, G Suite, Azure AD) and identity verification.

● Built 0 → 1 FIDO2-based VPN/Wi-Fi auth solution using RADIUS protocol to enable passwordless network access for unified enterprise deployment.

● Led accessibility auditing and implementation to enable sales motion with financial institutions requiring rigorous VPAT, WCAG, and Section 508 compliance.

● Contributed to FIDO Alliance accessibility guidelines for Passkey implementations.

❹ Senior Member of Technical Staff 2016 — 2021 · **VMware**

◎ AWS, Azure, Java, Spring, Ruby on Rails, MySQL, Typescript, Angular, React, GraphQL

● CloudHealth Technologies was acquired by VMware in 2018

● Built multi-cloud infrastructure management tools for cost and usage optimization, governance policies, and automation workflows for AWS and Azure customers.

● Launched EC2 cost optimization and resource planning tools for AWS Savings Plans and Reserved Instances to help customers streamline cost management.

● Built Azure VM and SQL DB Rightsizing recommendation engine to expand multi-cloud product offerings and ensure feature parity across all major cloud providers.

● Relocated to London to scale engineering teams across EMEA and APAC, strengthening cross-regional collaboration with Boston HQ.

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⌂ B.S. Computer Science 2016 · **Rensselaer Polytechnic Institute**

● Minors in I.T. Web Science and Psychology