

Nikhil Nathwani

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Summary

Software Engineer with a Cornell CS degree. Built and maintain 6 full-stack web apps with live users. Previously a Microsoft PM.

Skills

Frontend: React, Next.js, Astro, TypeScript, JavaScript, HTML, CSS, Framer Motion, Figma

Backend: Firebase, Node.js, Express.js, PostgreSQL, NoSQL, RESTful APIs, OAuth 2.0

Tooling: Git, Vercel, Vite, Python scripting, AI tooling (Copilot, Claude), web scraping (Selenium, BeautifulSoup)

Experience

NikhilNathwani.com

Full-Stack Developer (2023–Present)

- Building and maintaining 6 production web apps with live users, independently owning end-to-end delivery from concept through deployment and ongoing enhancement.
- **Titan Tracker** (*triple-threat.vercel.app*) — Improved page load performance by 90% (2s → 200ms) for a Next.js + PostgreSQL application serving 3K+ users. Eliminated cold-start latency and 5 runtime API calls by migrating from client-side rendering (CSR) to static site generation (SSG).
- **Slidemoji** (*slidemoji.com*) — Shipped a React + TypeScript puzzle game using custom hooks and context-driven state orchestration. Implemented progressive user tiers (anonymous → authenticated → Stripe-powered premium) with Firebase Auth and Firestore, preserving in-progress game state and user preferences across account upgrades.
- **Todoist NBA Schedule Importer** (*https://nba-todoist-import.vercel.app*) — Built an Express.js app integrating the Todoist API to generate NBA game tasks under strict account requirements (project limits, time zone). Implemented OAuth 2.0 with encrypted session management for secure API access.

MICROSOFT

Senior Product Manager (2019–22)

- Led Office.com home page (100M MAU). Shipped product enhancements across platforms, including ML-powered recommended documents, achieving 2% lift in document opens and 0.5% lift in week-over-week retention.
- Proposed and delivered major Office.com redesign with sidebar navigation model, enabling extensibility and cross-app integrations. Expanded to Outlook and SharePoint, aligning teams to unified UX while maintaining stable metrics.
- Evolved processes from multi-year release cycles to realtime iteration as Experimentation Champ for Microsoft Office. Grew A/B experimentation adoption from 3 experiments in 2018 to 96 in 2019, with clear success/guardrail metrics.

Product Manager (2014–19)

- Wrote product specifications for collaboration features in Microsoft Office. Led Agile execution with engineers & designers, standardizing Azure DevOps workflows and driving React Native migration to support rapid iteration.
 - Implemented Kusto queries (SQL-like) and Power BI dashboards to analyze product telemetry and inform org-wide decisions. Taught these skills to 250+ engineers and PMs via trainings I led at the Office Data Conference.
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Education

CORNELL UNIVERSITY

B.A. Computer Science, Mathematics (GPA: 3.8)

- *Select coursework:* Algorithms, Object-Oriented Programming in Java, Machine Learning, AI, Operating Systems
- *Teaching Assistant:* Object-Oriented Programming in Java (2x), Discrete Mathematics (2x)