

# Andre Nguyen

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[andrenguyen.com](http://andrenguyen.com)

Problem solver and developer dedicated to building robust, user-centric solutions across the entire stack. From refining the frontend experience, to optimizing performance, to architecting mature backend systems, I specialize in translating complex business requirements into clean, maintainable code.

## Experience

**Senior Software Engineer** | Roofstock | Oakland, CA (Remote)

Dec 2021 – Present

Led front-end development of a real estate platform geared towards investors. These applications automated the ins-and-outs of real estate transactions and rental management.

- Spearheaded development of a B2C PropTech marketplace providing analytics and insights on homes on the MLS built with React and Next.js, using both gRPC and REST APIs backed by .NET 10
- Calibrated site performance, SEO, and Google Search index ranking by utilizing Datadog and Lighthouse to optimize the performance of the site, bringing latency from 2.5s to 250ms, while also reducing the LCP from over 5s to under 2.5s on throttled mobile devices.
- Refined and secured app authentication by integrating with Auth0 both server-side and client-side, implementing a refresh token strategy across the Roofstock ecosystem.
- Architected and governed a cross-platform design system, bridging the gap between Product Design and Engineering. Engineered a reusable component library in both React and Blazor that standardized UI/UX across multiple B2B and B2C applications.
- Adapted to other projects and tech stacks as necessary to take over the full solutioning of various private applications that hooked into the lifecycle of the real estate investment business.
- Championed clean efficient code that was backed by a suite of unit tests, ensuring that various repositories had at least 80% branch coverage along with numerous integration and UI tests.

**Software Engineer** | NuVasive | San Diego, CA

Mar 2018 – Dec 2021

Delivered complex solutions for multiple enterprise applications supporting operations, logistics, sales, and reporting of the spinal surgery business.

- Developed responsive web interfaces using Angular, streamlining business processes.
- Crafted efficient .NET REST APIs that integrated with SQL Server, SAP, and PowerBI.
- Maintained a hybrid iOS application written primarily in Swift to support field operations.
- Built an Ionic application deployed to Android Zebra scanners for the warehouse team.
- Led the migration of legacy ASP.NET MVC and jQuery applications to a modern Angular architecture.

**Associate Software Engineer** | NuVasive | San Diego, CA

Mar 2018 – Feb 2019

**Associate Desktop Support Technician** | NuVasive | San Diego, CA

June 2016 – Mar 2018

## Skills

Frontend: React, Next.js, TypeScript, JavaScript, HTML, CSS, SASS, Tailwind, Angular, Blazor

Backend: C# (.NET), gRPC, SQL Server

Testing: Jest, xUnit, NUnit, MSTest, Playwright, CodeceptJS

Analytics & Monitoring: Datadog, Segment, LogRocket

## Education

**Bachelors of Science, Computer Science** | Cal Poly, San Luis Obispo

Sept 2012 – June 2016