

# Nitin Vericherla

I'm a full-stack software architect, mentor, and author.

## My experience

Mar 23 - Present      **Software Development Consultant \***      TD Canada Trust

- Responsible for the architecture and implementation of 2 large mortgage pre-approval applications and their consolidation into a single new application
- Merging 2 older application versions of Angular and NgRx and upgrading to Angular 14
- Leading a large agile team
- Coaching the team on Angular, monorepos, and concepts like SSO, caching, state management, and component-based architecture

Nov 21 - Feb 23      **UI Architect**      Synapse Wireless

- Managed two Angular applications - one deployed on-prem and one in the cloud. Moved features into the cloud application and upgraded the Angular versions to be consistent (v14).
- Championed the continuation of the adoption of a single monorepo for the whole organization through coaching and resolving the pain points
  - bringing CI time down from 40+min to 7min
  - streamlining the Github actions to take advantage of parallel processing and to remove bottle-necks
  - adding end to end test runs post-deployment to verify (and allowing the suite to be run against any environment on demand)
  - resolving complicated dependency issues that were causing bottle-necks
- Added observability to the cloud application through comprehensive logging and alerting to allow the dev team to be notified of issues well before customer complaints
- Leveraged my extensive knowledge of Angular, NgRx, and Nx to guide the teams on state management, monorepo development practices, and application architecture

Mar 21 - Nov 21      **Staff Software Developer**      Intuit Canada

- Worked on the UI for importing W2 and other tax forms (US)
- Worked on the UI architecture team to modernize the stack from older Angular versions to React

Nov 19 - Dec 20

**Angular Architect** \*

SiriusXM and Scaled Agile

- Championed the move into a monorepo and managing version upgrades
- Re-architected the checkout and purchase workflows to leverage NgRx
- Proved out and implemented architecture initiatives: component architecture, end to end tests using HAR files for network calls with Cypress, storybook testing
- Coached the development team on Nx and Angular concepts
- Reduced CI time from 40+ minutes to 10 minutes
- Merged two applications into a monorepo with Nx and provided coaching and support

Mar 18 - Nov 19

**Angular Architect**

Nrwl.io (now Nx)

Nx is the company behind the monorepo and CI management tool, Nx. The company also provides consulting services for Angular and Nx to large Fortune 500 companies.

- Worked with several fortune 500 companies on critical initiatives
  - Fortune 500 Financial Services company on their adoption of Nx and monorepo; consolidating their large applications into a single code base in Angular and NgRx
  - Large Fortune 500 airline on their adoption of Nx
  - Proofs of Concept for their initiatives: merging applications into a monorepo, adopting NgRx patterns to simplify data management, managing state between server and client (SSR scenarios, across microservices, and real-time data)
- Wrote the book "Enterprise Angular Monorepo Patterns"
- Managed the professional development of 4 Nrwl engineers
- Managed the hiring for Nrwl

Sep 17 - Mar 18

**Solutions Architect**

Rangle.io

Rangle is a well-known boutique consultancy company for Angular and React

- Proved out a new organization-wide architecture for driving site content from a headless CMS for a large airline company's Angular applications.

Jan 17 - Sep 17

**Solutions Designer** \*

TD Wealth

- Led a team of 10 developers across the stack (front-end through to mainframe)
- Implemented on-demand personalized rates which combined historical data with business rules for the different products and attributes through a new API layer and front-end (Angular) application
- Worked with multiple stakeholders and across other teams to deliver the solution

Nov 15 - Oct 16	<b>Application Development Lead *</b>	Rogers Communications Inc.
<ul style="list-style-type: none"> <li>• Led the development of Fido self-service for customers</li> <li>• Led the development of a new architecture for CMS-driven pages on rogers.com for Search and Support sections</li> <li>• For both projects we moved from legacy Angular 1.x to Angular 2</li> </ul>		
Mar 14 - Nov 15	<b>Sr. javascript developer</b>	Rangle.io
<ul style="list-style-type: none"> <li>• Implemented the node and mongoDb back-end for a transit company to manage their fleet of vehicles</li> <li>• Implemented a framework for an ad agency to spin up complete new contest sites that had heavy traffic spikes</li> <li>• Created 2 mobile applications for mechanics for communications and to manage their workday: proof of concept through implementation</li> <li>• Mentored 4 developers</li> </ul>		
Mar 13 - Mar 14	<b>Web/Mobile developer</b>	Koda Media Group
Sep 12 - Feb 13	<b>Web developer</b>	Brushfire North Inc.
May 07 - Sep 12	<b>Lead front-end developer *</b>	Damashek Consulting Ltd.
Dec 05 - Apr 07	<b>Web developer</b>	Glenbriar Technologies Ltd.

\* *Contract roles*