

SKILLS

- Multi-company experience with Digital Transformations (Dx)
- Web Team Coaching and Mentor
- Developer Curriculum Development and Presentations
- In-Sprint, Hands-on Mentoring
- Architecture Improvements and Tech-Debt Reduction
- Testing and CI/CD Improvements
- Git Workflow and Code Review Improvements
- Onboarding Process Improvements
- Multi-team Collaborations
- Mono-Repo Guidance and best Practices
- Angular, React, NextJS
 - Mentoring
 - Best Practices and Architectures
 - Performance Improvements
 - Technical Lead w/ Hands-on Coding

PROFESSIONAL EXPERIENCE

Mindspace – West Des Moines, IA

March 2004 - Present

Principal Engineering Lead, Technical Dx, Architect - Consultant

Industry-recognized, technical leader for React and Angular digital teams. Provide hands-on, in-project coaching for teams seeking to deliver performant Web Applications. Areas of specialization include:

- Architect and author of Reactive Stores and innovative [@mindspace-io/react](https://github.com/mindspace-io/react) library
- Training and coaching teams on cutting-edge Reactive solutions and architectures.
- Mentoring on best practices with state management, RxJS, React Hooks, and NgRx, and
- In-sprint reduction of existing technical debt,
- State management and architectures for performant applications.
- Improving unit tests, test coverage, quality, and performance with Jest and Cypress.
- Performance and architecture improvements to current React solutions.

Ameriprise Financial Services – Minneapolis, MN

Oct 2019 - Jun 2021

Digital Engineering Coach - Contract

Guided the digital transformation (Dx), web curriculum development and team best practices within the Interactive Marketing Group. Provided technical leadership and guidance for 13+ web development teams:

- Delivered developer training for Git, ES6/TypeScript, and React Best Practices, and RXJS.
- Built a PoC for a high-performance **Developer Learning Portal** (using NextJS + React)
- Built a PoC **Technical Assessment Service** with React/NestJS
- Created in-house **workshops** for Interactive Marketing Digital 35 dev teams
- Improved Onboarding and Interview processes
- Defined best practices and developer standards for Git and GitFlow,
- Implemented Nx mono-repositories and improved React Architectures

Narwhal Technologies – Phoenix, AZ**Jan 2018 - Feb 2019****Enterprise Solutions Architect - Full-time**

Worked with client enterprise teams delivering solutions with Google's Angular technology platform, I provided co-leadership, technical guidance for architecture-debt reduction, best-practices, mono-repository solutions, testing & code solutions for RxJS and NgRx architectures.

- Developer on [NX Framework](#) team
- Facilitated rapid Dx Transformations
- Helped developers improve their skills regarding client communications and chaos-management.
- Responsible for training Enterprise development teams using the Nx Enterprise Workshop; Uplifted developers on practices regarding workspaces, code collaboration, RxJS, and NgRx.
- Upgraded the Angular 7 version of the workshop with expanded RxJS & NgRx content.
- Trained architects on how to improve use of State Management patterns and solutions.

Google – Sunnyvale, CA**April 2014 - Dec 2018****Angular Technical Team Lead, Architect - Contract**

Technical Team Lead for an amazing distributed development team focused on implementation and enhancements of Google's **AngularJS Material UI Component** framework. Additional responsibilities included project management, conference presentations, mentoring recruitment, evangelism, and more.

- [Online Documentation](#)
- [Open-sourced Library](#) on GitHub (> 1M downloads / week)
- [Adaptive UI](#) with Angular 1.5 Component API

Architect for Google's **@angular/flex-layout**: Angular-native, UI component layout library that dramatically simplifies the use of flexBox css for HTML layouts. Best of all, @angular/flex-layout has an Responsive API designed to allow applications to easily adapt their UX based on viewport sizes.

- [Open sourced on GitHub](#)
- [Live Demos](#)

SiriusXM Radio – New Jersey**April 2012 - Mar 2014****Solutions Architect - Contract**

Solutions architect for Internet Radio Player (Flash and HTML Versions)

- Media Streaming Solutions Architecture
- Promise-base Workflows and Event Management
- OOP AS3, Functional JS and CoffeeScript
- AngularJS architectures and SPA Development
- HTML5 / JS / Less / SaSS Development

MindSpace Developer Workshops

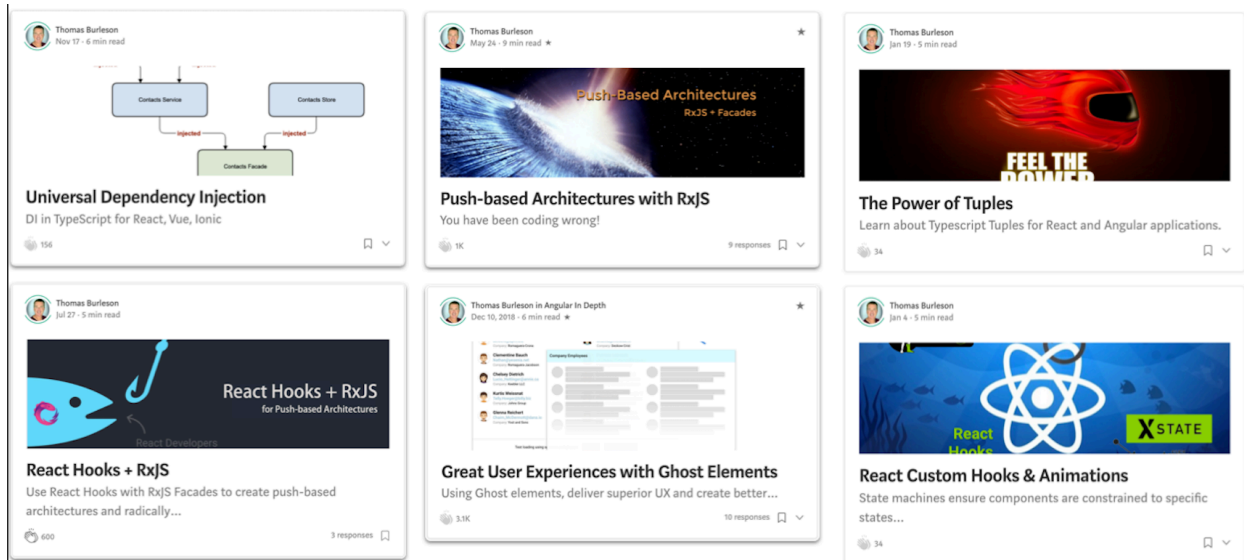
(1-3 days each)

The image displays a grid of 12 workshop cards, each representing a different developer workshop. Each card includes a title, a date, and icons for sharing and editing. The cards are arranged in a 4x3 grid.

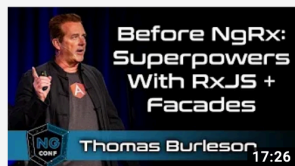
- Dx Transformation** (Full Stack Teams) - Jun 24, 2021
- React State Management Comparisons** (React Hooks or Reactive Stores?) - Apr 01, 2021 (203 views, 0 likes)
- Improving Enterprise Development with Workspaces** - Apr 09, 2019 (Instructor: Thomas Burleson)
- Workshop - Git Best Practices** - Sep 01, 2020
- Workshop - Nx Workspaces w/ React** - Nov 08, 2020
- Workshop - ES6/Typescript Essentials** - Nov 06, 2019
- Workshop - React JumpStart** - Jan 23, 2020
- Workshop - React + RxJS** - Nov 02, 2019
- Angular Workshop - NgRx** - Mar 05, 2019
- Angular Workshop - RxJS** - Mar 03, 2019

Published Articles

http://bit.ly/thomasburleson_blogs



Live Conference Presentations



Before NgRx: Superpowers with RxJS + Facades | Thomas Burleson

ng-conf • 7.8K views • 6 months ago

Like an alien invasion, everyone is telling you to use NgRx! You are fighting and resisting this Dark Lord mind-shift. What if you ...



ngAir 205 - Push-Based Architectures with RxJS with Thomas Burleson

AngularAir • 2.1K views • Streamed 5 months ago

Thomas Burleson joins us to demo the benefits of using a push based architecture and implementing a facade pattern when ...



Angular Material in practice – Thomas Burleson

AngularConnect • 20K views • 4 years ago

AngularConnect – The official European Angular conference 2015 – <http://angularconnect.com> Premier sponsor: <http://rangle.io> ...

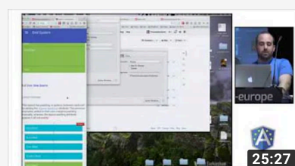
CC



Thomas Burleson Angular and RequireJS

ng-conf • 35K views • 5 years ago

www.ng-conf.org ng-conf is a two day, single track conference focused on delivering the highest quality training in the Angular ...



Material Design by Thomas Burleson & Max Lynch at ng-europe 2014

ng-europe • 29K views • 5 years ago

slides: <http://goo.gl/Htbhww> docs and demos: <https://material.angularjs.org/>

CC



ngHouston - Angular Flex-Layout w/Thomas Burleson

ngHouston Angular Meetup • 29K views • Streamed 2 years ago

Introduction to Angular Flex-Layout Regardless of the power of the Angular platform, developers always struggle with two (2) ...