

SENIOR SOFTWARE ENGINEER – ANGULAR | TYPESCRIPT | NGRX | RXJS

Senior Software Engineer with 10+ years of experience delivering modern frontend and full-stack solutions. Focused on Angular, RxJS, NgRx, and TypeScript to build scalable, maintainable applications. Experienced in Nx monorepos, reusable component libraries, unit testing, and cloud-based CI/CD workflows. Known for clean architecture, mentoring, and helping teams modernize through reactive patterns and high-quality code, skills including:

- Angular and Typescript Development
- API Development against SQL and NoSQL DBs
- Agile Development Practices (Scrum) in Sprints
- Technical Consulting, Customer-Facing, Training
- Unit Testing
- Cloud (Azure, AWS, Google, DigitalOcean)
- Technical Leadership (Teams, Mentoring)
- CI/CD on Azure DevOps with Git
- Communication Skills (Written/Verbal)

HIGHLIGHTED WORK EXPERIENCE

AssureCare LLC.

2018 to 2020

Senior Software Engineer / Team Lead / Manager

- **Full Stack Development:** Designed, developed, and maintained health care application/product using C#, .NET 4.5+, .NET Core, HTML5, Angular, Angular Material, Bootstrap, CSS3, RESTful Web APIs, ASP.NET MVC, WCF Web Services, Entity Framework, SQL Server and MongoDB.
- **Microservices Development:** Pioneered microservice development - creating the first micro service integration with existing Web APIs developed with .NET Core and MongoDB hosted in Docker container deployed to Kubernetes.
- **Agile Development Practices / DevOps (CI/CD):** Participated in system design, development, testing and deployment (Azure DevOps for CI/CD) using Agile (Scrum) practices such as daily stand ups, backlog grooming, sprint planning and reviews.
- **Angular / TypeScript Development:** Assisted with creation of first reusable component library (internal) using Angular, Typescript, NX and Docker
- **Mentoring:** Mentored Jr. and Mid. level developers across the development teams

Team Lead Highlights

- **Agile Development Practices:** Led agile development team in achieving results through technical decision-making, peer code review and mentoring to ensure the team was "dev complete" by the end of the sprint.
- **Technical Leadership:** Worked with Development Manager to implement technical vision and best practices with the development team and worked with fellow developers on the team to turn it into reality.
- **Unit Testing / Communication Skills:** Led initiative to get all development teams to begin unit testing in Angular with Jest; created presentation and documentation as well.
- **Mentoring / Training:** Led initiative to use Pluralsight Role IQs as a tool to help developers grow and become Full Stack Developers using Angular, .NET, Entity Framework, Git, SQL Server, MongoDB and Microservices.

Manager Highlights

- **Agile Development Practices:** Worked closely with CTO to promote and provide a clear vision, strategy and implement best practices in agile software development.
- **Technical Leadership:** Led hiring initiatives through technical interviewing and screening to grow the size of global agile development teams by over 500% within a year.
- **Quality:** Established goals and monitored metrics with development teams related to code coverage, % resolution of sprint items, average days of resolution and first-time pass rate to increase quality of the product.

EDUCATION / CERTIFICATION

Angular Certified Developer (Level 2) - [AngularTraining.com](https://angulartraining.com), 2021

BS in Information Technology w/ College Honors - University of Cincinnati, OCAS, 2006

WORK EXPERIENCE CONT.

Therm, Senior Software Engineer (Remote)

2022 to Present

- Building scalable, testable frontend solutions using Angular, RxJS, NgRx, and Angular Material within a modular Nx monorepo architecture. Contributing to the development of a next-generation retail energy platform by leading unit testing efforts, creating a reusable D3 charting library, and driving a shift to reactive, push-based state management with NgRx.
- Helping reduce complexity and improve code maintainability across the codebase, enhancing team velocity and stability in a high-performance data environment.

Strategic Data Systems, Senior Consultant (Full Stack)

2021 to 2022

- Created new features for financial services client's customer facing web portal using Angular (latest), Typescript, Storybook.js (Frontend) and .NET Web API (Backend)
- Additional development: Creating new branding/UI experience for Customer Account Registration, Login/Logout using Identity Server 4, ASP.NET Core Identity, and ASP.NET Core MVC, and Windows services that interacted with Azure Service Bus to process messages with .NET Core Background Service

Total Quality Logistics, Senior Software Engineer

2020 to 2021

- Worked on upgrading out of support Angular Frontend apps and .NET Core Backend Web APIs, fixed existing unit tests, refactored to feature and feature routing modules, refactored to make all calls async and properly use DI with ILogger and IHttpConnectionFactory
- Created swagger documentation and Developer guides on Unit Testing.

Capgemini, Senior Consultant

2017 to 2018

- Lead developer and consultant with Sogeti USA Division on multiple projects ranging from a custom mobile app that tracks professional education to the migration of a large custom solution built on top of SharePoint
- Created custom solutions using Xamarin Forms, SharePoint, ASP.NET and jQuery

First Group America, Lead Developer

2014 to 2016

- Created custom SharePoint applications to manage business operations and equipment across all First Transit locations nationwide, and business contacts via custom CRM solution - built with C#, ASP.NET Web Forms
- Built custom UIs for Office 365 sites using JavaScript, jQuery and Bootstrap

PROJECTS (Angular, Typescript Development)

Digital Excellence, Open Source Contributor - <https://dex.software>

- Work and Collaboration platform for FHICT; added new features
- PRs available here: <https://github.com/DigitalExcellence/dex-frontend/pulls/jrstrayhorn>

Commudle, Open Source Contributor - <https://commudle.com>

- Platform that organizes events for tech communities; added new feature - Cookie Consent
- PRs available here: <https://github.com/commudle/commudle-ng/pulls/jrstrayhorn>

Vote Monitor, Open Source Contributor - <https://votemonitor.org>

- Admin app for election observations; added new features and performed bug fixes
- PRs available here: <https://github.com/code4romania/monitorizare-vot-ong/pulls/jrstrayhorn>

TECHNICAL SKILLS

- **Languages & Frameworks:** TypeScript, JavaScript, C#, HTML5, CSS3, Angular (latest), RxJS, NgRx, NestJS, .NET Core, ASP.NET
- **Frontend Stack:** Angular Material, Bootstrap, NX, Storybook, JWT, Husky, Font Awesome
- **Testing & Architecture:** Unit Testing (Jest, Jasmine, xUnit), Reactive Architecture
- **Cloud & DevOps:** Azure, AWS, Firebase, Google Cloud, Azure DevOps (CI/CD), Railway
- **Databases & Security:** SQL Server, MongoDB, MySQL, Postgres, OAuth2, OIDC, Auth0
- **Tooling:** Git/Github, Azure DevOps, Visual Studio Code, npm, NX, Docker

Additional information, recommendations and portfolio samples available at www.linkedin.com/in/jrstrayhorn and www.github.com/jrstrayhorn