

Overview

Having spent over a decade as a Software Developer Contractor, I've come across a fair share of problem-solving challenges, as well as a proven track record of building enterprise level applications.

Technical Skills

Scripting/Languages: HTML5, CSS3, SVG, JavaScript, NodeJS, Python, Java, .Net Core, and SQL/NoSQL

Frameworks/Libraries: Angular/TypeScript, RxJS, NgRx, React/Redux, React-Native, Firebase, Webpack, Angular testing, TensorFlow, Cypress, and Mocha/Chai

IDE/Tools: VS Code, Visual Studio, XCode, Android Studio, Git, Perforce, and Mac/Win Terminals

Career & Development

Speedy Inventory, San Diego, CA

02/2022 – Present

Software Developer

Speedy is a cloud-based inventory application built to help inventory management items for moving companies

- Worked closely with product owner, designers, and QA team to ensure application met user needs
- Implemented best practices and design patterns, including reactive programming, and dependency injection
- Utilized Angular router guard and lazy loading child routes during navigation for smoother transitioning
- Utilized Firebase functions and security rules to protect data in a group-based approach
- Improved performance and scalability, using lazy loaded modules, @Input, @Output, and Services
- Utilized AngularFire to support low-latency, richer queries, and real-time data synchronization
- Conducted code reviews and mentored others in development best practices and techniques
- Experimenting with TensorFlow for image classifications and ML models
- Worked in an Agile environment to deliver high-quality code on time

Strong focus on HTML5, CSS, ES7, Angular/TypeScript, Firebase 9, AngularFire, and Angular/Firebase CLI

911Missing.org, NYC

06/2021 – 10/2021

Software Developer

911Missing is a non-for-profit organization with a mission to help people find their loved ones.

- Developed a pilot real-time push notifications for missing people search mobile application
- Worked closely with product owner, designers, and QA team to ensure application met requirements
- Utilized community packages, such as stack, drawer, bottom tabs navigational, and animation effects
- Implemented OTP sign-up system and user registration screens
- Created base64 encoding native module and integrating community packages, such as react-navigation, react-native-maps, react-native-paper, and react-native-reanimated

Strong focus on HTML5, CSS, React Native, React/Redux, ES7, NodeJS, JWT, Express.js, and MongoDB

bioMérieux, St. Louis, MO

04/2019 – 12/2020

Software Developer

bioMérieux is a biotech company that provide diagnostic solutions and research to the HC professionals.

- Collaborated with other engineers in mob settings to effectively reduce backlogs and improve deployment
- Implemented feature modules to and existing architecture, including services, pipes, directives, and etc.
- Helped improved performance and scalability, using lazy loaded modules @Input, @Output, and Services
- Wrote clean and cohesive codes by applying best practices and lessons learned over time
- Implemented Robot automation for acceptance criteria and Unit testing
- Worked in an Agile environment to deliver high-quality code on time and within budget

Strong focus on HTML5, CSS3, Angular/TypeScript, ES6, NodeJS, Git/Bitbucket, and PostgreSQL

Hyperactive Inc., Quincy, MA

08/2018 – 12/2018

Software Developer

Hyperactive is one of the first multimedia companies to develop interactive multimedia applications.

- Developed and maintained interactive mobile apps, such as [Coronary IVUS](#) and [Venous IVUS Tutor](#)
- Assist in defining software development plans, including research, scoping, and implementation
- Integrated several React- Native modules, such as react-navigation, react-native-video, react-native-reanimated, and other React-Native community provided packages
- Integrated external REST/APIs as part of a customer-facing portal CMS implementation
- Profiling, troubleshooting, bugs fixes, and helped improving application performance

Strong focus on HTML5, CSS, React-Native, MobX, JavaScript, NodeJS, Express.js, and XCode

Comcast, Philadelphia, PA

02/2018 – 05/2018

Software Developer

DET System is an elegant solution for provisioning internal tools and services.

- Built responsive design themes using Bootstrap library
- Developed ReactJS class components to create a web application which synchronize data with server
- Recommended, setup and follow development best practices and ensure their adoption in mobile devices
- Maintained close communication with development team that included Java developer and front-end designers
- Resolved issues related to cross-browser and legacy IE compatibility and client-side performance

Strong focus on HTML5, CSS/Less, Bootstrap, React/Redux, JavaScript, NodeJS, and Express.js

MNG Direct, Bensalem, PA

04/2017 – 07/2017

Software Developer

MNG Direct offers data-driven, multi-channel marketing platform that provides access to HCP customers.

- Used various React pattern to develop reusable components to be used elsewhere
- Developed new features and taking an active role in improving user experience
- Created proof of concept prototypes in accordance with requirements and technical specifications
- Participated in an agile development environment to uncover user stories and acceptance criteria
- Resolved complex issues related to cross-browser, legacy IE compatibility and client-side performance

Strong focus on HTML5, Sass/CSS, React/Redux, JavaScript, JSON, NodeJS, and Express.js

Comcast, Philadelphia, PA <http://experience.xfinity.com>

11/2016 – 01/2017

Software Developer

Xfinity's Elements is an elegant simple step-by-step interface that aim to make data ingestion easier and empower users to share data and publish their own JSON schema.

- Refactored and streamlined methods, organized overgrown, and unattended codebase
- Improved Angular architecture, data structure, and mitigating code duplicity by 35% reduction
- Provided guidance and strategic planning to improve development
- Debugging and fixing cross browsers issues using various IDE's and tools

Strong focus on HTML5, Bootstrap, Angular, JavaScript, JSON, and Python/Flask

Kantar Media, West Chester, PA [Kantar Media](#)

4/2016 – 11/2016

Software Developer

Kantar Media enable companies to make informed decisions on media and marketing strategies.

- Created Angular components, including charts, user friendly navigation, and client side validations
- Developed wireframe for a newly design dashboard that consumed dynamic data over REST API
- Developed reusable functional components and responsive design web pages using Bootstrap
- Participated in the planning and conceptualize ideas that bring simplicity to complex design
- Worked through cross browser compatibility issues and client-side performance

Strong focus on HTML5, Bootstrap, Angular, JavaScript, ChartJS, and ASP.Net Core

Comcast, Philadelphia, PA www.xfinityoncampus.com

7/2014 – 12/2015

Software Developer

Xfinity On Campus provides streaming IPTV services from Comcast to students living on campus.

- Developed intermediate steps during a third-party code migration to insure smooth integration
 - Implemented new features in timely manner while maintaining a high level of accuracy
 - Developed Backbone Views using declarative event handling to consume data over REST API
 - Integrated Zendesk online support and utilized a content management component and themes
 - Worked closely with others developers to manage and build the Xfinity On Campus Web Portal
- Strong focus on HTML5, CSS, JavaScript, Backbone.js, jQuery, and Java

ETS. Princeton, NJ www.ets.org

2/2014 – 5/2014

Software Developer

ETS provides innovative measurement solutions that improve teaching and learning.

- Assisted in the development of a large and complex user-facing online learning web application
- Using best practice design patterns to develop AngularJS controllers, directives, filters, and services
- Worked closely with other developers to implement new features and improve performance
- Debugging and fixing cross browsers issues using various IDE's and tools

Strong focus on HTML5, CSS3, AngularJS, JavaScript, jQuery, and Karma/Jasmine

Dow Jones, Princeton, NJ <https://dijx.wsj.com/>

9/2013 – 2/2014

Software Developer

Dow Jones' DJX platform which provide financial data and news services to subscribers.

- Collaborated with other technical teams to implement new features in accordance with requirements
- Helped build interactive data-driven charts and graphs to communicate real-time stocks information
- Helped facilitate a custom implementation of the DJX's platform localization (i18n) efforts
- Debugging and fixing cross browsers issues using various IDE's and tools

Strong focus on HTML5, CSS3, Backbone.js, JavaScript, Node.js and Mocha/Chai

Telkom Orange, Le Vera, TN Schneider electric

2/2013 – 5/2013

Software Developer

Telkom Orange provides innovative power and energy monitoring system solutions.

- Implemented new features while maintaining a high level of accuracy and performance
- Collaborated with product team to define innovative solutions to improve user experience
- Helped streamline methods thorough test coverage and removed unused codes
- Debugging and fixing cross browsers issues using various IDE's and tools

Strong focus on HTML5, CSS, Knockout.js, JavaScript, jQuery, Ajax, and JSON

Bank of America, Newark, DE www.bankofamerica.com

6/2012 – 12/2012

Front-End Developer

Played a key role in the development of BOA's user-facing online banking application

- Built web components that provide a unique and intuitive user experience
- Developed e-forms in accordance with business requirements, screen mock-ups, and ADA guidelines
- Worked closely with QA teams to ensure bug-free functional components and semantic code structure
- Tested cross browser functionality and fixed major layout issues for supported browsers including IE6

Strong focus on HTML5, CSS3, JavaScript, Ajax, JSON, jQuery, and JAWR

Education

2004, Web Development, Java, ASP.Net, XML, and Oracle 9i DBA - Bluedata, NYC

2000, JavaScript, Java/JSP, and VB Script - American Training Center Inc., NYC

1999, Advanced Internet Business Fundamentals - Xincon Technology, NYC

1999, HTML, Flash 3.0, Macromedia Director 7.0 - Pratt NYC

References

Professional and personal references will be furnished upon request