


HENRY A. RILEY III

Senior Front-end Developer / Architect


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SKILLS

Languages

HTML, JavaScript, TypeScript, CSS/SASS, C#, and many more...

Frameworks

Angular, RxJS, React, React Native, NextJS, Redux, Material, Bootstrap, Tailwind, Kendo UI, jQuery, ASP.NET Core, and many more...

Tools

Git, TFS, Azure, Docker, VS Code, Visual Studio, SQL Mgmt. Studio

Databases

SQL (PostgreSQL, MSSQL), Redis

EDUCATION

Computer Science

Lake Hamilton High School

1998 - 2001

Awards

Computer Club President

Commercial Art Student of the Year

Student Programmer of the Year

MY APPROACH

Researching and utilizing leading-edge technology and design patterns is essential to architecting reliable, scalable, and maintainable solutions that allow organizations to stay ahead of the competition. This is my forte. As a leader, my goal is to create an environment that fosters creativity and nurtures individual growth, and mentor others so that their innovative ideas can be developed into practical software solutions.

WORK EXPERIENCE

Front-end Application Architect

Atlas Technology Group

November 2016 - November 2023 / Bentonville, AR

- Focused on front-end development, providing mentorship and coaching to all front-end developers.
- Designed, built, and maintained insight driven analytics dashboard framework and ecosystem, communicating with cross-functional teams regarding product and design.
- Acted as front-end technical expert while aiding project management teams in fleshing out and estimating user stories.
- Designed and implemented web applications along with 3rd-party software integrations as a web team liaison for all inter-departmental and customer-facing projects.
- Acted as architect, product owner, lead engineer, and team lead for an internal front-end framework built on top of Angular Material, aimed at reducing time-to-market for new software applications.
- Built, standardized, and containerized front-end development environment for all new Angular-based front-end projects; reducing onboarding time for new front-end developers.

(See my website for much more detailed documentation of my experience.)

Director of Software Development and Lead Programmer

The Learning Institute

July 2012 - July 2016 / Hot Springs, AR

- Designed and built online assessment testing platform using the MVVM pattern with ASP.NET Web APIs and Knockout.js; serving over 5 million tests for over 140 school districts.

HOBBIES AND INTERESTS

3D Printing
3D Design and CAD
Maker Culture
Electronics Design
Robotics and Motion Control
Metal Fabrication and Welding
Metal Milling and CNC
Product Design

- Designed and built web-based content management application using the MVVM pattern with ASP.NET Web APIs, Knockout.js, and third party integrations including the ckEditor rich content editor component.
- Designed and built front-end framework and toolkit based on Knockout.js and used it to build multiple applications.
- Designed and implemented application for entry and management of educational standard frameworks and their standards and groupings.
- Designed and implemented application for entry and management of course alignment data, including associations to educational standards, definition of curriculum schedule by marking periods, and management of rule-based course settings and limitations.

(See my website for much more detailed documentation of my experience.)

CTO & Chief Software Engineer

Cities In Touch

July 2000 - August 2011 / Hot Springs, AR

- Developed data driven website for remote management of a distributed network of self-service, touch screen kiosks and their peripherals.
- Researched and developed system software for self-service, touch screen terminals that provided financial services such as bill payment, check cashing, and issuing pre-paid debit cards.
- Interfaced with secure financial networks and reporting software. Integration involved industry standard security components, protocols, and policies including but not limited to SSL and PCI-DSS.
- Administered wide area network of self-service, touch screen kiosks.
- Designed and developed website for marketing purposes.
- Designed user interface for interactive touch screen advertising and digital signage.

(See my website for much more detailed documentation of my experience.)