

Travis Caro

Full-Stack Software Engineer

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Experience

Software Engineer I @ Avail Technologies, Inc.

July 2019 – Present | State College, PA (full-time remote)

- Led research initiative to overhaul client-side and manual QA processes, including adding a suite of Jasmine unit tests to Angular project.
- Optimized project critical procedure yielding performance gains of over 400%.
- Implemented asynchronous census statistics calculation logic using web workers.
- Improved performance and accuracy for geospatial route buffering in Title VI report export.

Co-Founder @ Carbon Creek, LLC

May 2018 – Present | York, PA

- Launched statistical analysis and visualization tool for client using Angular and Plotly.js.
- Configured Cloudways hosting for cost effective hosting of client WordPress sites.
- Administered public facing websites for small and medium sized businesses.

Project Team Lead @ Dataforma, Inc.

September 2018 – July 2019 | York, PA

- Led bugfix initiative to reduce known system bugs from 212 to 70 in 3 weeks.
- Designed and instituted Development Team triage process using YouTrack.
- Coordinated with QA and Customer Support to respond to client requests quickly.
- Coordinated ERP Accounting modules upgrade deployment over 6-month slow rollout.
- Worked closely with Executive Team to define project requirements and objectives.

Software Engineer @ Dataforma, Inc.

May 2015 – July 2019 | York, PA

- Led research subcommittee to modernize client-side technologies and integrate Vue.js and Webpack into existing development stack.
- Launched company first stand-alone Angular based supplier portal application.
- Implemented user scheduled email notification system integrating Java Quartz, AWS SES, SNS, and Lambda.
- Implemented OOP Command, Factory, Repository, and Strategy patterns with 70%+ unit test coverage.
- Upgraded CRM and ERP modules including complete rebuild of Purchase Order and Credit Memo modules.
- Improved customer templated report export performance, sometimes by 1000%.

Skills

Programming Languages

C#, Kotlin, Java, SQL, JavaScript (ES6), TypeScript, HTML, CSS/Sass/Less, Bash, PHP

Libraries & Frameworks

Angular, Vue.js, RxJS, Karma, Jasmine, .NET Core, Spring Boot, Node.js, jQuery, Bootstrap, Bulma

Tools & Platforms

Git, Docker, AWS, Azure, Firebase, Webpack, Gitlab, Gradle, Maven, WordPress, MacOS, Windows, Linux

Education

Clarion University

2013 – 2017 | Clarion, PA

B.S. in Computer Science

Minor in Information Systems

Summa Cum Laude (4.0)

Projects

Shuttle Tracking App

Led senior capstone team to design and implement web-apps to dispatch and track via GPS a fleet of buses. Development included apps for dispatcher, driver, and passenger as well as a shared database and simulation tools. Used Spring Boot, jQuery, Bootstrap, and the Google Maps API.

Interests

Snowboarding, Sim-Racing, Guitar, Video Games, Football, Reading, Traveling, and The Great Outdoors!