

MATT P. JOHNSON

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SENIOR SOFTWARE ENGINEER

- Eight years experience building software with six years experience building full-stack web applications
- Passionately committed to crafting maintainable and scalable code designed to last for decades

TECHNICAL EXPERTISE

Databases: PostgreSQL | MySQL | Spanner

Programming: Java | JavaScript/TypeScript | Node.js | React | Vue.js | Python + Flask

PROFESSIONAL EXPERIENCE

GOOGLE | Mountain View, CA

Jan 2019 - Present

Software Engineer

Developing software for the Fuchsia operating system.

- Mentor junior developers
- Design services and write detailed docs describing how they should be built
- Develop Java gRPC APIs to implement these services
- Design and maintain Spanner databases

VENNAUTO, LLC | Greenville, SC

Jul 2018 - Nov 2018

Co-Founder and Software Engineer

Developed an Automotive Predictive Marketing Platform to ingest data from dealer CRM and DMS.

- Wrote Node.js backend that deploys to AWS Lambda
- Built React + Redux front-end with components adhering to our design system
- Designed components for re-use by implementing functional and compositional programming practices

PENTASTORY, LLC | Greenville, SC

Jan 2016 - July 2018

Co-Founder and Software Engineer

Design and develop the entire stack of a school scheduling and grading application.

- Designed and built the system PostgreSQL database
- Created API for the application using the Python Flask framework
- Used React and TypeScript to create the front-end of a single page application with Jest unit tests
- Set up GitLab CI to continuously build and deploy feature branches to development Docker containers

TRANSPLACE | Greenville, SC

Aug 2017 - June 2018

Lead Software Engineer

Rebuilt legacy Java Spring applications using modern web technologies to make them more user-friendly and portable.

- Created Vue.js + Vuex single page applications and Java Swing API endpoints for the applications to utilize
- Wrote VS Code extension for managing development proxy
- Built Node.js application to parse Vue.js components to auto-generate documentation and demos

GEORGIA 811 | Duluth, GA

Sep 2014 - Aug 2016

Web Application Developer

Used TypeScript and Aurelia to rebuild the front-end of a digging request ticket management system.

- Used Aurelia to develop a single page applications authenticated with OAuth 2.0 for ticket management
- Set up new applications to run inside portable Docker containers

JACKSON MARKETING GROUP | Greenville, SC

Feb 2014 - Sep 2014

Interactive Developer

Built and maintained websites, mobile applications, and Windows Forms applications.

- Used C# to create a Windows 8 phone application for Michelin that enabled truck drivers to find tire dealers
- Worked to develop a site for Michelin's truck tires using MySQL, JSP, and Angular.js

SOURCELINK CAROLINA | Greenville, SC

May 2011 - Feb 2014

Programmer

Utilized Python and C# to automate the creation of print files.

- Wrote programs to parse print files to auto-generate paperwork that was previously generated manually
- Saved 3-4 man-hours daily by writing a "spider" to index print files on multiple servers