Sam McCollum Resumé

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I am an accomplished software engineer with over 5 years of experience in Java development, systems architecture and open source software.

I understand the details, challenges and requirements of software projects including the custom solutions to support business requirements. I enjoy working in a customer-driven environment with people who will grow and stretch me in new ways.

Languages

- Java
- JavaScript
- Ruby
- C/C++
- Go
- Elixir

Frameworks

- Java EE/Jakarta EE
- Spring
- Ruby on Rails
- Node.js
- Docker
- Kubernetes
- React

Databases

- SQL
- PostgreSQL
- JPQL
- MongoDB

Open Source

- Open source at Stae
- ThumbTack (Java EE Application Framework (currently in development, Thorntail v4 fork)
- Thorntail (Java EE-like application platform)
- Icing (Plex alternative with synchronized playback with friends)
- Sudden DAO (Easy CRUD and matching-based search for JPA 2)
- MP Config Files (Extensions for loading files with microprofile config values)
- Rails DI (JSR331-like dependency injection for Ruby on Rails)
- Wmapp-server (Custom auth backend with SDK using JWT and OAuth)
- Wmapp-c-authclient (client for Wmapp-server for native apps written in C)

and a host of others: https://github.com/kg6zvp/

Experience

Senior Software Engineer at Allatate CompoZed Labs: *November 2019-present*
Chief cook and bottle washer; microservices, automation scripting, architecture, etc. to solve the problem at hand.

Software Engineer at Stae: *November 2018-October 2019*
Work on various projects from full-stack javascript to infrastructure and devops. (Node.js, React, Postgres, PostGIS, Kubernetes, etc.)

Open Source Project Contributions: *August 2017-Oct 2018*
Contributed to open source projects and helped with various projects or business ventures.

Software Engineering Intern at Appfolio: *June 2017 - August 2017*
Worked with a team I highly respect and value to continuously delight and improve the experiences of the customers of AppFolio.

Software Engineering Intern at Pinger: *January 2016 - April 2016*
Agile Team member supporting other developers with internal use software, bug support/fixes and improvements to both testing and reporting systems. (Bash, PHP, Java, C, C++, Gradle, ANT)

Assistant VMWare and Linux Administrator at Westmont College: *August 2015 - December 2015*
Responsibilities included taking care of machines on the virtualization cluster as well as supervising the project to execute a migration from FreeRadius 2.X to 3.0.9. Also, security audits and LCM for these servers. (VMWare ESXi, Linux, RedHat Satellite/Spacewalk, FreeRadius, MySQL, etc.)

Small Business Specialist IT Consultant: *March 2014 - July 2014*
Small businesses support providing general IT help with networking, virtualization, device deployment and LCM.

See my Projects