

# Scott Johnson

## Team Lead Engineer / Engineering Manager

I'm a software engineer and engineer manager that's spent a sizable amount of my career building large scale Java applications. I've been managing a team that I started for the past year, who's mission is to build custom tools for our Sales and Account Managers. Recently, I've been focussing heavily on web applications, primarily using React Redux for frontend and Ruby on Rails for backend. I absolutely love building for users. For me designing and building a good UI encompasses the most interesting problems that software engineering has to offer.



Saint Charles, MO



scottwwj.com



linkedin.com/in/scottwwj



github.com/sylvandor



## WORK EXPERIENCE

### Team Lead Engineer Block Inc. (Square)

11/2019 - Present

Saint Louis, MO

#### Achievements/Tasks

- Specialized in multiple business critical data pipeline systems that the team owned.
- Mentored and guided other engineers as the most senior engineer on the team.
- Started, currently manage, and currently technical lead of a new fully distributed team to focus on tooling for internal Sales and Account Manager teams, since Dec 2021.
- Hired multiple engineers to staff the new team.
- Work with product, design, stakeholders, users, and direct reports to plan features and roadmaps.
- Led two greenfield projects from concept to engineering design to release for the Account Manager and Sales teams.
- Managed a growing team of engineers as we've expanded scope and have begun work on two additional greenfield projects.

### Software Engineer World Wide Technology / Asynchrony Solutions

01/2018 - 12/2019

Saint Louis, MO

#### Achievements/Tasks

- Developed Mobile Field Kit (MFK) application for Department of Defense and application that is the primary tool used by the Army National Guard Civil Support Teams.
- Worked with one other dev on a month-long spike project to transition 20 year of Java RCP project to a modern framework (Angular and Electron).
- Developed and led a specialized two dev project for the Department of Homeland Security through a Department of Defense research Laboratory, MIT Lincoln Lab.
- Developed a plugin tool for the ATAK Android application to showcase best development practices in Android to the ATAK community.
- Evaluated and integrated CBRNE sensors to MFK application through various connections (RJ45, Serial Connections) via each sensors own communication protocols.
- Participated and led discussions to determine value and implementation of new features.
- Provided onsite application support for the 7th Civil Support Team during an active mission.
- Met onsite with a new client for a week to instruct their developers on how to develop for within applications plugin architecture and teach best practices.
- Wrote Statements of Work.
- Led demos for users and stakeholders.



## LANGUAGES

Ruby



Javascript/HTML/CSS



Java



Swift



Kotlin



## TECHNICAL SKILLS

### Frameworks

React JS, Redux, Ruby on Rails, Eclipse RCP, GWT, Angular

### Integrations

Datadog, Datadog RUM, SignalFX, Helpshift, Amazon Connect, Salesforce, Snowflake, Sentry, Gridspace, Stripe

### Databases

MySQL, SQLite, Redis, Firestore, PostgreSQL, Snowflake, OrientDB, Oracle



## HONOR AWARDS

HACKtheMACHINE hackathon 1st place (2018)

US Navy



## CERTIFICATES

US Government Secret Level Security Clearance (2019 - Present)



## WORK EXPERIENCE

### Senior Software Specialist

#### National Information Solutions Cooperative (NISC)

08/2013 – 12/2018

Lake Saint Louis, MO

##### Achievements/Tasks

- Worked across various projects as both as a fullstack web developer and Java application developer.
- Created website for NISC to monitor client's systems and display errors before users called in.
- Created tool for displaying elevations along power lines in client's connectivity models.
- Designed and developed website for our clients to present outage information on a map interface with additional tools for configuration and monitoring (roughly 30mil end users at the time).
- Designed and developed website for clients to configure vehicle location symbology across various maps throughout NISC products.
- Developed and maintained the Outage Management System (OMS) that NISC provided with their software suite as the lead developer and project owner.
- Participated in planning and roadmapping for OMS application.
- Ran and documented performance tests per release of software.
- Mentored an intern through smaller projects within OMS.
- Met with potential clients to run performance simulations of large electrical storms against OMS.



## CONFERENCES & COURSES

### Complete React Developer in 2022 (2022)

Zero to Mastery

### CSS – The Complete Guide (2022)

Academind

### Datadog Dash Conference (2021)

Datadog



## EDUCATION

### BS in Computer Science

#### Southern Illinois University of Edwardsville

12/2013

Edwardsville, IL

##### Additional

- Minor in Mathematics