

# Christopher Sturgess

Software Developer

Full-stack software developer with over seven years of experience. Strong design and architectural skills. Experienced in working with legacy codebases, modernizing systems, and building entirely new projects. Dedicated to learning new technologies and skills to grow as a developer.

## Experience

### Web Application Developer, Roadmunk Inc.

November 2017 – January 2019

- Maintained and developed new features for existing product in a large agile team using NodeJS, ES6, Docker, Knockout, and Vue.JS
- Created custom tools for Sales and Support employees
- Created a custom Slack bot to monitor the codebase and alert developers based on custom triggers
- Designed and created custom data pipelining and data warehousing solutions independently using Redshift, Hadoop, and NodeJS
- Created cloud infrastructure using AWS, Terraform, and Ansible to create and maintain data warehousing project
- Mentored junior and student developers on both the main product and the Data Warehousing Initiative

### Software Developer, Loop Lab Inc.

October 2016 – July 2017

- Designed and built micro-service architecture to manage a network of custom IoT devices using Python, Flask, Firebase, and BigQuery
- Created systems to monitor and regulate temperatures within a building using IoT thermostats, air vents, sensors, and hubs
- Wrote custom firmware for IoT temperature sensors in C
- Created and maintained cloud infrastructure in Google Cloud
- Designed and implemented data migrations between Firebase, MySQL, and Google BigQuery
- Wrote and maintained various APIs for both backend systems and mobile applications
- Integrated software with various third-party systems including Nest and Ecobee

### Software Developer, Athena Software

January 2014 – October 2016

- Maintained and improved a large-scale CMS healthcare application using Java, Groovy, Maven, SASS, Coffeescript, jQuery, and PostgreSQL
- Designed a custom framework as the basis of a complete overhaul of the application frontend and UX
- Created a supplementary application to gather input from clients in accordance with global PHI security laws and standards
- Engaged in regular security testing and improvements to ensure protection of client data

## Contact

### Email

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### Website

www.christophersturgess.com

### GitHub

github.com/Chris-Sturgess

### Stack Overflow

stackoverflow.com/u/1144012

## Technologies

### Frontend

HTML5, ES6, CSS3, LESS, SASS, jQuery, Knockout, Coffeescript, Mustache, HAML, Vue.JS

### Backend

Java, Groovy, NodeJS, Rails (Ruby), PHP, Flask (Python)

### Infrastructure / Devops

Amazon Web Services (AWS), Google Cloud Platform, Terraform, Ansible

### Database

PostgreSQL, MySQL, MongoDB, DynamoDB, AWS Redshift, AWS S3, Google BigQuery, Firebase

### Other

Apache Maven, Docker

## References

Available upon Request