

Full-stack software developer with over ten 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.

Work History

2019 - present **Software Developer**

Mach 7 (formerly Client Outlook), Waterloo, ON

- Developed front-end software for medical image viewing using Dart, React JS, and Java backend
- Converted legacy Flash application to modern Dart implementation
- Ensured services maintained data according to DICOM standard
- Developed modern VNA frontend application to replace legacy Silverlight codebase

2017 - 2019 **Web Application Developer**

Roadmunk Inc, Kitchener, ON

- 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
- 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

2016 - 2017 **Software Developer**

Loop Lab Inc, Kitchener, ON

- 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

2014 - 2016 **Software Developer**

Athena Software, Waterloo, ON

- 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

Christopher Sturgess

Software Developer

Personal Info

Email

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Skills

Frontend

HTML5, ES6, CSS3, LESS, SASS

Dart, React JS, Vue, Angular.io, JQuery, Knockout, Coffeescript

Backend

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

Infrastructure / Devops

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

Database

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

Other

Apache Maven, Docker, Eclipse, VSCode, DICOM, Syncfusion Blazor

