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# CHRIS STURGESS

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## SUMMARY

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A full-stack web developer with over 7 years of professional experience, I have a passion for well-designed application architecture, as well as for information security. I strive to create code that is not only easy to implement in the present, but easy to update and change years after it's been created. I am committed to continuously learning new skills and better methods of delivering quality code.

## SKILLS

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AngularJS, AWS, Bash, C++, C, Coffeescript, CSS3, Firebase, Google App Engine (GCloud), Groovy, HAML, HTML5, Java, Javascript, JQuery, Mongo, Mustache, Node, PostgreSQL, Python, Redshift, Ruby (On Rails), SASS, SQL, Visual Studio

## EXPERIENCE

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### WEB APPLICATION DEVELOPER, ROADMUNK INC – 2017-2019

- Maintained and developed the company's flagship product as part of multiple teams with different focuses
- Created multiple internal tools to aid developers
- Designed, architected, and implemented a Data Pipeline and Data Warehouse to allow large-scale analytics of incoming data across many sources using a network of micro-services
- Designed, built and maintained cloud-based infrastructure to run the Data Initiatives on the AWS platform, using Terraform and Ansible
- Created a robust transformation layer to convert data between multiple formats (JSON, BSON, SQL, CSV, etc.) to allow organization-wide data transparency

### FULL-STACK DEVELOPER, LOOP LAB INC – 2016-2017

- Created and maintained multiple micro-services across various Google Cloud Projects
- Designed software to regulate temperature across a home.
- Wrote firmware for IoT temperature sensors to provide automated usage and integrate with mobile applications and servers in real-time.

### SOFTWARE DEVELOPER, ATHENA SOFTWARE – 2014-2016

- Developed large-scale web applications, internal tools, and policies related to application security.
- Designed a new front-end content generation system using Mustache, SASS, Coffeescript, and Groovy based on the Unix Philosophy.
- Created new coding standards and guidelines to ensure consistency and reliability of codebase.
- Led efforts to ensure security of PHI was enforced according to multiple international standards.

### HEAD ADMINISTRATOR, WATERLOO BY NIGHT – 2016-2017

- Managed a team of volunteers to run regular social events.
- Co-ordinated with multiple other organizations.
- Participated in outreach and recruitment.
- Mediated interpersonal conflict between group members.