

Ian Johnson

Software Engineer

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EXPERIENCE

COVERMYMEDS | SOFTWARE ENGINEER

February 2019 – Current | Columbus, OH

- Shaped team culture and foundational policies
- Contributed to a command line tool to simplify local development
- Documented information about architecture, processes, and products
- Collaborated with external teams for database and operational needs
- Implemented and deployed feature and maintenance changes
- Released and maintained internal gems
- Security Champion
 - Prioritized vulnerability remediation work in conjunction with product backlog
 - Guided developers in threat modeling and security code reviews
 - Published quarterly state of security reports for team-owned applications
 - Released an asset management application to production

MENUDRIVE | WEB DEVELOPER

April 2015 – February 2019 | Shippensburg, PA

- Introduced GitLab to make code changes policy-driven
- Reimplemented legacy site in a modern web framework
- Moved payment service into AWS cloud services

ZIPNOTIFY | WEB DEVELOPER

January 2015 – April 2015 | Carlisle, PA

- Created a printer messaging service using a REST API
- Developed a front-end dashboard for users to manage printer devices

PROJECTS

FLIX <https://github.com/tacoda/flix>

- Movie database web application

JAWS <https://github.com/tacoda/jaws>

- AWS command line tool

OTTO <https://github.com/tacoda/ottogen>

- AsciiDoc static site generator

OPEN SOURCE

CASA <https://github.com/rubyforgood/casa>

- Volunteer management system for nonprofit CASA, which serves foster youth in counties across America

HUMAN ESSENTIALS <https://github.com/rubyforgood/human-essentials>

- Inventory management system for essentials banks, to aid them in distributing items to their partners, tracking their inventory, and providing statistics about their inventory flows

SKILLS

PROFESSIONAL

Agile Methodology
Application Security
Cloud Computing
Communication
Cross-Team Collaboration
Developing Others
Leadership
Strategic Thinking

PROGRAMMING

Domain-Driven Design
Functional Programming
Microservices
Object-Oriented Programming
Pair Programming
Regular Expressions
Shell Scripting
Test-Driven Development
Open Source Software

LANGUAGES

Bash • C • C++ • Clojure
CSS • Go • Java • JavaScript
Elixir • HTML • PHP • Python
Ruby • Rust • Scheme • SQL

LIBRARIES

Bootstrap • Bulma • Flask
jQuery • Laravel • OTP
Phoenix • Rails • React
Redux • Sass • Tailwind

TOOLS

AWS • Azure • Burp
Datadog • Docker • GCP
Git • Heroku • Kubernetes
Linux • Nix • Postgres
Redis • Sidekiq • Splunk

EDUCATION

SHIPPENSBURG UNIVERSITY

B.S. IN MATH AND COMPUTER
SCIENCE
2014 | Shippensburg, PA