Daniel Gempesaw

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Experience

PagerDuty

Software Development Engineer III   2019 - Present

Docker, Nomad, Consul, Buildkite, CircleCI, CI/CD. Rails, Elixir

- Modernizing & Scaling the Ruby on Rails monolith
- Maintaining and scaling Elixir microservices
- Participated in Agile processes, including scrum ceremony via JIRA, Confluence, etc

Sharecare

Framework and Tools Engineer	2017 - 2019
Sr Software Testing Architect	2014 - 2017
Software Testing Architect	2012 - 2014
QA Engineer I & Build Manager	2011 - 2012

Maestro: Abstraction layer for Kubernetes. Node, React, Docker, Kubernetes, CI/CD

- Created internal platform & docs for migrating services to Docker & Kubernetes
- Created Node RESTful microservices, CLI tools, & React frontend as abstraction layer for K8S API
- Deployed Drone CI & Sonatype NXRM in Kubernetes with automated backup & restore solutions

Honeydew: Browser automation framework. Perl, PHP, AngularJS, Webdriver & Appium

- Created an in-house Perl framework for browser and native mobile app automation
- Created front end in AngularJS, including websocket-enabled REPL for realtime interaction
- Created automated screenshot comparison and analytics for handling UI regression

Other Projects: Gatling Load Testing, custom REST API Testing framework, site crawlers. Perl, PHP/jQuery, MongoDB, MySQL, Scala

Skills

Languages & Tools: Node, bash, Golang, elisp. Previously, Scala, Perl, PHP, Ruby, Python.
Remote: Over a year of successful remote experience, with deliberate study of effective communication
OSS: On CPAN: Appium, Browsermob::Proxy, Selenium::Remote::Driver, Selenium::Screenshot. On MELPA: grunt.el, ido-vertical-mode.el, etc
Hobbies: Ultimate Frisbee, bass & guitar, technical blogging, snowboarding

Education

Georgia Institute of Technology   2008 - 2011

- M. S. in Mechanical Engineering: "A multi-resolution discontinuous Galerkin method for rapid simulation of thermal systems"

University of Delaware   2004 - 2008

- Honors Bachelor of Mechanical Engineering, Magna Cum Laude
- Honors Bachelor of Science in Mathematics, Magna Cum Laude
- Minor in Phyiscs