DAVID HAMP-GONSALVES

SENIOR DEVELOPER & CODE ENTHUSIAST

💼 EXPERIENCE

Senior Software Engineer
present | 2016

Opencounter   📍 Halifax (remote)

- Refactored 115k LOC from our legacy GIS system into our modern main code base.
- Archetected and built Postgis/MapBoxGL based zoning rules engine.
- Colaborater on a successful React based partial rewrite of our main system.
- Lead multi-team colaboration to develop Cypress based test suite.

Technical Environment: React.js, NodeJS, MapboxGL, Ruby/Rails, Postgres, Cypress, Terraform.

Senior Software Engineer
2016 | 2014

GoodGuide   📍 San Francisco

- Worked on incremental replacement of Backbone.js based UI with React.js.
- Project lead for Earth Day Amazon partnership.

Technical Environment: React.js, Ruby/Rails, Postgres, HaProxy.

Senior Consultant
2014 | 2012

NTTData   📍 Halifax

- Designed backbone.js based application to replace and improve upon existing legacy system.
- Collaborated with and guided global team members in transitioning to client side architecture.

Technical Environment: Backbone.js, Jasmine.js, Coffeescript, SpringSource, Tomcat.

Senior Java Developer
2012 | 2008

Sumtotal Systems   📍 Toronto (Remote)

- Designed and implemented features and improvements for multiple enterprise sized applications.
- Proposed and implemented realtime tracking, deployment and notification system for test environments.

Technical Environment: Weblogic/Websphere, SpringSource/Wicket, MSSQL/Oracle, JUnit.

Technical Consultant
2011 | 2011

We Can Pretend   📍 Toronto

- Architected and built a interactive media streaming service to power MMP jeopardy-style games.
- Documented technical requirements, time lines and staffing guidelines for realizing product offering.

Technical Environment: Wowza Media Server, Adobe Flex, Javascript.

Test Analyst
2008 | 2007

CIBC   📍 Toronto

- Worked cohesively with other developers and team members to plan, design and implement multi-system automated tests which simulate multiple users and roles.

Technical Environment: VB, Quick Test Professional.

🚀 PROJECTS

Solar Game of Life
Solar powered, e-ink based version of Conways Game of Life which uses the ULP processor of a ESP-32 to poll charge levels to determine when to calculate the next cell generation.

E-Ink Life Dashboard
Low power, E-Ink dashboard for every day life running on a hacked Kindle and back by custom GoLang code running on AWS Lambda and orchestrated using Terraform.

Live RSS Bookmarks
13 year old Chrome extension that adds Firefox like RSS/Atom handling. At its peak it was the only tool of its kind and had 15k active users.

🎓 EDUCATION

Bachelor of Technology (Software Development)
2003 | 2007

Seneca College of Applied Arts and Technology   📍 Toronto, Canada

CONTACT

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SKILLS

Javascript / NodeJS
Ruby / Rails
React.js
Java

Terraform
PostgreSQL
Redis