

DAVID HAMP-GONSALVES

SENIOR DEVELOPER & CODE ENTHUSIAST

EXPERIENCE

present
|
2016

Senior Software Engineer

Opencounter

📍 Halifax (remote)

- Collaborator on a successful React based rewrite of our flagship system.
- Architected and built Postgis/ReactMapGL based rules engine to visualize zoning legislations.
- Led multi-team project to develop a Cypress based automated test suite.
- Refactored 115k LOC from our legacy GIS system into our modern main code base.

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

2016
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2014

Senior Software Engineer

GoodGuide

📍 San Francisco

- Worked on incremental replacement of Backbone.js based UI with React.js.
- Lead for multi-team project for Earth Day Amazon partnership.

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

2014
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2012

Senior Consultant

NTTData

📍 Halifax

- Achetected Backbone.js based application to replace and improve upon existing legacy system.
- Guided global team members in transitioning to a client side architecture.

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

2012
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2008

Senior Java Developer

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.

2011
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2011

Technical Consultant

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.

2008
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2007

Test Analyst

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

2003
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2007

Bachelor of Technology (Software Development)

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