JOHN HALL

INTEGRATIVE INTERACTION / VISUALIZATION / WEB DEVELOPER

510.306.1376 | john@real-currents.com | www.real-currents.com/dev | Windsor, VT, USA

CONTACT

510.306.1376
john@real-currents.com
www.real-currents.com/dev
www.linkedin.com/in/real-currents
Vermont, USA

CERTIFICATIONS

Oracle Certified Associate, Java SE 8 Programmer
Oracle | 2016

MTA: Database Fundamentals
Microsoft | 2016

MTA: Software Development Fundamentals
Microsoft | 2016

MTA: Windows Operating System Fundamentals
Microsoft | 2016

MTA: Windows Server Administration Fundamentals
Microsoft | 2016

EDUCATION

Bachelor of Science
IT – Software Emphasis
Western Governors University
Salt Lake City, UT | 2013 – 2017

PROFILE

John Hall codes professionally and personally for the World Wide Web and its associated technologies. His skills range from scripting simple utilities to crafting reactive, resilient and scalable applications to spec, appropriate to a variety of client/server configurations. The toolbox from which he regularly pulls includes Java, Kotlin, NodeJS, TypeScript, SVG, WebGL and various cloud-native platforms, including AWS, Docker, Elasticsearch, Redis and Spring.

EXPERIENCE

Web Developer

PITNEY BOWES | WHITE RIVER JCT, VT | 2017 - PRESENT

As a key member of the development team, John created web-based interfaces (both graphical and restful) for the Smart Data Platform (SDP) internal web portal.

- Created tools to provide useful and accurate views on usage of data resources, the life cycles of various product build processes and the quality of results
- Completed various integrations between the internal platform and data retrieval API's provided by external suppliers, facilitating the implementation of end-to-end automation of the data update cycle.
- Expected to communicate at a high-level with various stakeholders and participants in SDP's build processes in order to overhaul and improve the product builds and deliver the results to market

Web Application Developer

MAPONICS | WHITE RIVER JCT, VT | 2014 - 2017

John developed and deployed a full application stack for two major GIS-based web projects; 1) a sales/demo tool and 2) a customer feedback tool.

- Created graphical, interactive applications allowing search and visualization for a full spectrum of geo-spatial boundary & centroid data products
- Enabled existing customers to provide feedback
- Front-end utilized MVC, mobile and map-based frameworks (AngularJS, Leaflet, MapBox, Material Design, D3)
- Back-end implemented in Node.js , GeoServer, and PostgreSQL, allowing complete integration of REST API's and providing mapping and analytic services (OGC compliant)

JOHN HALL

IxD / VIS / WEB DEVELOPER

CONTACT

510.306.1376
john@real-currents.com
www.real-currents.com/dev
www.linkedin.com/in/real-currents
Vermont, USA

CERTIFICATIONS

(continued)

Candidate-ID# COMP001020526682

CompTIA Project+
License M3N4822MJCR1YQCB
CompTIA | 2015

CompTIA Network+ ce
License P53QBF4EBK4Q254B
CompTIA | 2015

CompTIA Security+ ce
License KEE7Y75ELCV4K1FS
CompTIA | 2015

CompTIA A+ ce
License EP8D39CM1D44C1Z6
CompTIA | 2013

CIW Candidate-ID# 541811

CIW Web Development
Professional
CIW | 2015

CIW Web Foundations Associate
CIW | 2013

EXPERIENCE (continued)

Web Programmer

PIX OASIS | Contract/Remote (USA) | 2013 - 2014

John completed the conversion of an existing service-based website (offering photo delivery and archival services) to a new front-end design.

- Received new design in the form of layered PSD files
- Retained or re-implemented all of the functionality of the previous site
- Responsible for programming and testing this site, ensuring cross-browser compatibility

PROFICIENCIES

AWS · Angular · CSS · D3 · Docker · ElasticSearch · Express · GeoServer · GIS · HTML5 · Java · JavaScript · Kotlin · Leaflet · Mapbox · Material Design · NodeJS · PostGIS · PostgreSQL · R · SQL · Redis · Spring (Boot) · SVG · TypeScript · WebGL · Webpack

REFERENCES

Simon Denis
(Director)
The Center For Transformational
Practice
802.295.3353

Paul Gallagher
(Manager)
Maponics
518.852.9571

Todd Mayberry
(Coworker/Collaborator)
Pitney Bowes
210.845.2613

Jesse Gardner
(Coworker)
Pitney Bowes
603.843.7958