David Hasenjaeger

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Full stack developer with three years of experience working in an agile development model either on the front end with React, Angular, or Backbone, on the back end with Node.js or Java, or on mobile with react-native or Ionic.

Summary

Methodologies	Agile
Front End Frameworks	Javascript, React, Backbone, Marionette.js, React-Native, jQuery, AngularJS, Angular2, Ionic2, Redux, Flux, html, CSS, SCSS
Server and Database Frameworks	Node.js, Serverless, Java, Spring, Hibernate, JavaServer Pages, Express, Hapi.js, DynamoDB, MongoDB, PostgreSQL, Knex.js
Testing Tools	Mocha, Chai, Sinon, Jasmine, Jest, JUnit, Mockito
Other tools	DataFlow, git, subversion, bash, Jira, Asana, Docker, Swagger

Technical Experience

Cayuse LLC
https://cayuse.com/
Software Engineer · 7/2017 - present

- Mentored other developers in front end development within an MVC framework
- Established coding standards for node based development
- Contributed to development of Spring based Java projects
- Practiced TDD principles in both Node and Java projects

Lead implementation of a saml based single sign on solution for Cayuse's legacy suite of products.
Used: Node.js, Serverless, git, bash, Jira, html, css, Mocha, Chai, Sinon

Lead implementation of a saml based single sign on solution for Cayuse's administrative suite of products.
Used: Node.js, Serverless, git, bash, Jira, html, css, Mocha, Chai, Sinon

Lead front end development for the team that maintained Cayuse's administrative console
Used: Javascript, Backbone, Marionette, git, bash, Jira, html, SCSS

Worked on the team that maintained Cayuse's flagship 424 project
Used: JavaServer Pages, Java, JUnit, Mockito, Javascript, jQuery, Hibernate, PostgreSQL, subversion, Jira, html, CSS

Lead overhaul of front end for Cayuse's flagship 424 product
Used: JavaServer Pages, Java, Javascript, jQuery, subversion, Jira, html, CSS

Worked with my development team on several of Cayuse's Spring framework based micro services
Used: Spring, Java, JUnit, Mockito, groovy, Hibernate, PostgreSQL, Swagger, git, bash, Jira

Wirestorm Technologies
https://www.wirestorm.us/
Full Stack Javascript Developer · 4/2015 - 7/2017

- Worked in an agile development environment
- Created web and hybrid apps using modern frameworks
- Used the MVC architectural pattern with appropriate frameworks
- Assisted with work on servers when such work was done in house

Lead front end development on a project that connects people seeking loans to verified lenders.
Used: Javascript, React, Redux, git, bash, Jira, html, SCSS, Jest

Worked on a hybrid mobile app to manage a user's schedule and conduct VOIP calls
Used: Javascript, Ionic2, Angular2, Redux, Twilio, git, bash, Jira, html, SCSS

Worked on an app that stored payment information and connected it to user accounts
Used: Javascript, React-Native, Redux, git, bash, Asana, html, SCSS

Worked on the server and front end for an app that scheduled appointments and tracked capacity for each type of appointment
Used: Javascript, Node.js, Swagger, PostgreSQL, React, Flux, git, bash, Asana, html, SCSS

Lead development on an app that included a calendar, a messenger, and notifications
Used: Javascript, AngularJS, Ionic, Node.js, Socket.io, MongoDB, git, bash, Asana, html, SCSS

Education

Portland Code School

Javascript Full Stack Immersion   10/2014 - 4/2015
- Worked in teams to make programs with Javascript every day
- Learned full stack Javascript as well as PostgreSQL and MongoDB database languages
- Made a simple puzzle game in a team of two using AngularJs as a final project

Used: Javascript, AngularJS, Node.js, Express, Socket.io, MongoDB, Knex.js, PostgreSQL, git, bash, html, CSS, Jasmine

Portland State University
MS Mathematics   03/2009 - 06/2011
- Awarded FS Cater Prize in 2011

Oregon State University
Bachelor of Science, Mathematics   09/2003 - 12/2008
- Minor, Physics

Other Experience

Portland CC
Mathematics Instructor   09/2013 - 04/2015
- Wrote all handouts including pdfs of lecture notes
- Lectured daily from the notes that I created
- Created course materials with technical formatting and diagrams

Mt. Hood CC
Mathematics Instructor   01/2012 - 08/2014
- Advised full time faculty on course content
- Adapted curriculum to emphasize analytical skills

Portland State University
Mathematics Instructor   09/2010 - 12/2011
- Earned an MS in mathematics while teaching
- Recognized as top mathematics student in 2011
- Facilitated classroom discussions
- Guided individual learning during small group work and in office hours

Personal Projects

React Templater

Module for use with react apps   01/2018 - 02/2018
- An example module that provides a built in framework for routing and some basic components.

Used: Javascript, React, Redux, git, bash, html, SCSS

Generic React App

Generic site to play with React functionality   03/2017 - 02/2018
- Page to try out new React components and testing frameworks. This can be modified easily to quickly make a new POC for a new React project as well.

Used: Javascript, React, Redux, git, bash, html, SCSS

Rational Number Module

Node.js module that provides a rational number data structure   12/2017 - 01/2018
- A module that I wrote as an exercies in using proper TDD with mocha and chai. It has a basic api for creating rational numbers and performing computations on them.

Used: Javascript, Node.js, git, bash, Mocha, Chai

Calculator App

Node.js program that can solve complex polynomial equations   02/2015 - 03/2015
- A calculator that I built to use Javascripts built in Math object to build a Polynomial object with methods for performing arithmetic on polynomials and finding complex number solutions for up to third order polynomials.

Used: Javascript, Node.js, git, bash, Jasmine