Steen Hansen

Coquitlam, BC   steen_hansen@yahoo.com

Functional Programmer | Resourceful | Self-motivated

QUALIFICATIONS HIGHLIGHTS

- 10+ years in web development, mainly PHP starting with JQuery, and now with React
- Functional programming without classes and methods
- Well versed in testing to promote easy bug fixes and efficient maintenance
- Created programs for Healthcare sector concerning hospital and pharmacy data
- Successfully completed websites for a variety of uses such as online coupons, gift cards, and wedding registries in support of marketing and advertising

TECHNICAL SKILLS

JavaScript
- React Hooks, React Native, Redux, RxJS, SSR, OAuth2, Vite, TypeScript, Webpack

Go
- Channels, goroutines, waitGroups

PHP
- Symfony, ORM, Laravel, CodeIgniter, MySQL, PHPUnit, WordPress

Functional Programing
- RxJS, Clojure, Monads, Stopped using OOP Classes

Testing
- Selenium e2e UI web tests, unit testing, desktop GUI integration tests

Databases
- MySQL, MongoDB, DynamoDB, PostgreSQL, Graph-QL, Neo4J graph DB

PROGRAMMING EXPERIENCE

Kinoli Inc - Fort Collins, Colorado - **kinoliinc.com**   May 2013 - Apr 2015
PHP-JavaScript, Symfony, and Laravel programmer
- Maintained major site, the expired www.freeshipping.org (bit.ly/freeship-org)
- Coded defunct www.freeshippingday.com in Symfony (bit.ly/freeship-days)
- Built departed www.cardavenue.com in Symfony (bit.ly/card-ave)
- Re-built the expired www.promocodes.us in Laravel (bit.ly/promo-usa)
- Worked on the expired www.couponsherpa.com (bit.ly/coupon-sherpa)
- Helped with www.giftcardgranny.com

Pencilneck LLC - contract work   Jan 2013 - Apr 2013
PHP-JavaScript programmer
- Contract work programming generally with Concrete CMS, a PHP WordPress copy.

ISMP Canada - contract work - **ismpcanada.ca**   May 2012 - Dec 2012
Windows programmer

Kinoli inc - Fort Collins, Colorado - **kinoliinc.com**   May 2010 - Apr 2012
PHP-JavaScript and Symfony programmer

ISMP Canada - Toronto, Ontario - **ismpcanada.ca**   Apr 2004 - Apr 2010
PHP-JavaScript and Windows programmer
- Maintained version 1.0 of Analyze-ERR a windows desktop program for hospitals that recorded medication errors. (bit.ly/analyze-err)
- Wrote Analyze-ERR version 2.0 with client server architecture for multiple sites in a hospital. It used XML to upload hospital data to ISMP servers
- Programmed many LAMP projects such as the MSSA (bit.ly/med-safe-self-assess)

EDUCATION
Computer Science BSc   Simon Fraser University, BC   2003

GITHUB PROJECTS   (github.com/steenhansen/repository-list)

Phone-Recipes is a website and mobile app that helps to cook multiple dishes at the same time
- On website (https://phone-recipes.herokuapp.com) - (bit.ly/github-phone-recipes)
- On Google Play (bit.ly/googleplay-phone-recipes) - (bit.ly/github-android-phone-recipes)
- React Native, React Hooks, OAuth2, Redux, Selenium, MongoDB, GitHub CI/CD, Vite, SSR

SFFaudio.com Search is a Single Page App for searching for books and authors on sffaudio.com
- Here is a search on Philip K. Dick's *Beyond Lies the Wub* (bit.ly/beyond-lies-the-wub)
- You can even listen and read along to *Beyond Lies the Wub* (bit.ly/hear-mp3-read-pdf)
- Docker Container (bit.ly/docker-sffaudio-search) - GitHub (bit.ly/github-sffaudio-search)
- Neo4J Graph DB, SVG, SPA, Docker, Node.js, Linode.com

rxjs-breakout is a Breakout game, using RxJS. Turn sound down first. (bit.ly/break-out-game)

go-podcast-downloader a command line podcast downloader written in Go(bit.ly/go-pod-down)

podcast-downloader is a Windows desktop program, an EXE executable, that downloads entire podcast series onto your desktop, only downloading new mp3s (bit.ly/podcast-downloader-exe)

gmap-dragdrop-react is an OOP React component for dragging and dropping on/off/between Google Maps; not normal simple dragging within maps. (bit.ly/npm-gmap-dragdrop-react)

isomorphic-react-on-heroku is a SSR React component that reads a Google spreadsheet (bit.ly/sff-rsd-spreadsheet), then creates a webpage (bit.ly/rsd-react-component). Note fast loading and scrolling.