

RICHARD HOFFMAN

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I am remote Senior Lead Software Engineer at Synctree, Inc. I have been in the startup industry for close to a decade and worked my way up from Junior PHP developer to lead engineer. I lead small remote teams in an agile environment to create applications for the web and mobile from proof of concept to full scale launch within as little as 6 months.

Technology Summary

- **Languages/Programming:** JavaScript, Node.js, Ruby, C#, PHP, Python
 - **Frameworks (JS):** React, React-Native, Angular, Backbone, ExtJS
 - **Frameworks (Backend):** Express, Ruby on Rails, ASP.NET MVC, Symfony, Laravel
 - **Databases:** Firebase, MongoDB, MySQL, PostgreSQL, SQL Server, Oracle
 - **Other Skills:** Redis, Memcached, Solr, Docker, Vagrant, EC2, ECS, S3, Opsworks, Chef, Twilio, nginx, Apache HTTPD, IIS, Linux, Windows Server
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Experience

Senior Lead Software Engineer

01/2015 – Present

Synctree, Inc

- Lead a team of engineers to develop a client's entire infrastructure from the ground up.
- Wrote and maintained a shopping backend that integrates Twitter, Instagram, and SMS messaging.
- Lead an agile team to create a cross-platform web and native mobile app using React and React-Native.
- Develop a cross-browser media streaming and advertising platform for a large client with high traffic.

Senior Software Engineer

08/2014 – Present

Freelancing (Self Employed)

Senior Software Engineer

08/2013 – 08/2014

Stayhealthy

- Lead a project to migrate legacy ASP.NET application to Symfony PHP framework.
- Guide architectural decisions and maintain standards for code style, testing, and data model design.
- Worked in an agile environment to facilitate interaction between QA, Product, and Engineering teams.
- Develop and secure endpoints for communication with remote kiosks.

Senior Software Developer

08/2012 – 08/2013

Spokeo

- Integrate location services with big data queries for Criminal Record searching
- Develop efficient queueing strategies for high availability with high traffic queries.
- Be part of integrating and introducing agile practices into existing processes.
- Integrate payment services such as Paypal and Cybersource for subscriptions.

Senior Software Developer

08/2011 – 08/2012

Chegg, Inc

- Responsible for development of Homework Help pages utilizing PHP, MVC frameworks, RESTful APIs, HTML5 File APIs, and CSS3 animations.
- Creation of Homework Help Texbook Solution Player utilizing HTML5 History API, Fullscreen API, Canvas API, CSS3 animations, and unit testing.
- Development of realtime activity notification system utilizing Node.js and Socket.IO.
- Automated S3 content uploader / encryptor utilizing Node.js. Integrating data from MySQL, MongoDB, and SQL Server data sources.

UI / UX Developer

06/2010 – 08/2011

Civic Resource Group

- Responsible for creation of web content for clients as well as complete development of the company web site.
- Work with Programming and Design teams to develop web pages using ASP.NET and CivicConnect Platform.
- Integrate custom advertising using Flash AS3 and connecting to multiple ad networks.

Programmer

01/2009 – 06/2010

Hydralux

- Develop interactive multimedia library integrating ExtJS, PHP, JavaScript and Flash.
- Create interactive seating chart for monitoring computer logins and usage.
- Develop the interactive, Ajax-based internal render management system.

PHP Programmer

06/2008 – 12/2008

Pringo Networks

July 2008 – December 2008 (6 months)

- Develop the Pringo CMS with the creation of new features and bug fixing.
- Work on creating and maintaining client sites, including modifying XHTML and CSS templates, JavaScript functionality, and custom PHP features.
- Develop revision management feature for CMS using diff algorithms.

Education

Bachelors of Science, Multimedia, Digital Entertainment & Game Design

2003 - 2007

ITT Technical Institute

Projects

ComixZap

<http://cz.coverslide.xyz/>

- An online comic book reader for remote viewing of digital comics (Demo in above link is on a low power device which has slow load times)

Firestore-Noserver

<https://github.com/coverslide/firebase-noserver>

- A serverless request/ response library for firestore using firestore queues