

Contact

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Top Skills

SEO

Analytics

Social Media

Jonathan Travis

Web Development Manager and Senior Architect at Charles & Colvard, Ltd.

Durham

Summary

Experienced web architect/developer with a demonstrated history of building and deploying small to large scale web applications. Skilled in Search Engine Optimization (SEO), PHP, Web Design, Software as a Service (SaaS), and HTML. Also, experienced with project and vendor management. Strong information technology professional with a Bachelor of Science (BS) focused in Computer Science. Years of industry knowledge and experience as well as a desire to use cutting edge technologies.

Experience

Charles & Colvard, Ltd.

5 years

Web Development Manager and Senior Architect

January 2021 - Present (4 months)

Morrisville, North Carolina, United States

Full stack development of a next generation e-commerce solution utilizing ReactJS and PHP based microservices to provide the flexibility for the ever changing needs of the business while giving the user a very fast and very stable experience. Using a custom designed and built API Gateway to easily connect to custom templated Codeigniter 4 microservices allows for easy CI/CD, testing, and scaling. Everything is built around ease of use, performance, and reliability.

E-Commerce Technical Manager and Senior Architect

May 2016 - January 2021 (4 years 9 months)

Morrisville, NC

Planned, coordinated with internal customers and external vendors, tested, reviewed, and launched the new www.charlesandcolvard.com website which merged three web properties (a corporate site, an e-commerce site, and a blog) onto a single Magento 2 platform.

Project managed multiple design refreshes and catalog updates that improved speed and conversions.

Executed numerous projects to enhance functionality, integrate new vendors, and improve ease of use for the Magento 2 platform.

Initiated, and maintained vendor relationships. Coordinated work allocation, reviewed quality, and oversaw releases.

Coordinated with vendors and resources to build and deploy tags via Google Tag Manager.

Expanded Magento to international customers by integrating new vendors and custom/in-house development.

Gathered requirements, and built several internal platforms using several open source PHP frameworks.

Built and relaunched warranty.charlesandcolvard.com as well as a multilingual version (English, Mandarin) version for overseas. Recently expanded to include the ability for customers to initiate returns, repairs, and resizing. Also updated to handle new data and order functionality to support Magento.

Developed in ReactJS, microservices (Laravel based), and GraphQL as possible new technologies for new web projects.

Shattered Digital, Inc

CTO

2014 - 2020 (6 years)

Built Clearstats.com (EOL) to monitor social metrics through Facebook, and Twitter.

Built RepostQ.com (EOL) to easily automate Twitter campaigns.

Built MinPM.com (EOL) a very easy to use Project Management tool with a clever and minimal interface. Quickly add and update tasks and project using #hashtags.

Built ContractHound.com, a contract management and alert system.

Angular (Formerly Virante, Inc.)

Director Of Development

September 2010 - April 2016 (5 years 8 months)

Morrisville, NC

Designed, developed, and maintained PHP E-Commerce, CMS based, and small to large SaaS applications utilizing Laravel, Magento, Codeigniter, Wordpress, Drupal, and PyroCMS.

Built ServerHealthHub.com to monitor our 200+ servers and customer's servers using easily expandable, server-side test suites.

Built SEOAlarms.com for monitoring potential SEO based issues. Integrated APIs from numerous sources such as Moz.com, AHrefs, Majestic, and Google.

Built Removeem.com using PyroCMS modified to support more flexible Object Oriented Model layer and service layer. Developed automated backend tool to download and review content on over 2 million web pages a day using Amazon SQS, Redis, RabbitMQ, and drone system.

Developed training course and trained junior engineers.

Promoted various projects at conferences.

Other Projects:

Outreachapp.com

nTopic.org

portal.virante.com

PenguinAnalysis.com (assisted)

PandaRisk.com (assisted)

AtlanticBT

Senior Software Engineer

January 2010 - September 2010 (9 months)

Raleigh, NC

Developed PHP E-Commerce, CMS based, and small to large web applications using a wide range of open-source frameworks.

Setup and customized Expression Engine, Magento, CakePHP, Symfony, PyroCMS frameworks to meet the customers needs.

Trained junior engineers.

Developed and instituted new development practices and standards.

iContact

Manager Of Frontend Engineering

2006 - 2010 (4 years)

Designed and implemented new features as well as re-factor and refresh existing framework and features in a large scale SaaS web application.

Implemented a RESTful plug-in for Symfony (a PHP based MVC framework).

Designed, architected and implemented an Online Community using Symfony to enable customers to reach new potential clients via Google search and Social Media access.

Designed and implemented new automated functional testing framework for existing web application.

Designed and implemented APIs for several web applications.

Lead cross-functional Scrum teams as Scrum Master while maintaining good Agile principles.

Hired, mentored and trained new team members.

Coordinated with Product Management on scope, deliverable goals, and priority.

Converted Perl scripts to PHP.

Designed and implemented technical requirements for re-branding from IntelliContact to iContact.

Worked closely with Human Factors to improve usability of new and existing features.

Created/Implement/Updated best practices and policies for web development and engineering.

Assisted product management with roadmap forecasting and defining upcoming projects.

Setup and executed special events such as developer days (similar to Google's 20% time)

Sony Ericsson
Software Developer
2000 - 2004 (4 years)

Developed PC and web software in support of mobile product testing and production.

Object lead responsible for planning, research, development, testing, and representation of team for multiple products.

Managed remote servers for manufacturing and customer service.

Tested post-production mobile products in a lab environment.

Recovered expertise lost through downsizing and necessary for production and testing.

Simplified customization processes of mobile products.

Streamlined manufacturing by adapting web/database server architecture for internal and external worldwide manufacturing needs.

Improved production of wireless mobile products.

Education

Fayetteville State University
Bachelor of Science (BS), Computer Science · (1997 - 1999)

NCSU
· (1995 - 1997)