Scott Hofman

Software Engineer

Canadian Citizen - Looking to relocate to Sweden

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QUALIFICATIONS SUMMARY

As a full-stack software engineer at Getty Images, I am currently responsible for writing, testing, building and releasing front-end code for iStockphoto. I work on pages that receive four million unique views per week and thrive on delivering responsive and performant software. Both as a team-lead, and as a team player, I have developed products ranging from full AngularJS applications to small, reusable SCSS mixins.

With my experience from an on-call rotation, I am adept at debugging and triaging issues. I enjoy the challenge of delivering front-end components that exceed expectations across all browsers. On my personal website, I created a 3D UI component in CSS for displaying my projects, with fallback support.

I have been programming for nearly fifteen years and maintain several side projects. With four years of professional experience, I have programmed with a new language at every job I have held, and have a desire to be constantly learning.

HIGHLIGHTED PROJECTS

Add Search By Image to iStockphoto.com   January - February 2017
- ➢ **Technologies Used:** Angular, AWS S3, Jasmine, Teaspoon, Ruby/Rails, SCSS, JQuery
- Extended existing library to allow users to drag-and-drop/select files and upload files to the cloud, adding inline validation and tests.
- Created responsive modal to be used site-wide as a re-usable mixin.
- Adapted Javascript search functionality to use fingerprint as search parameter. Needed to maintain search functionality for three different sites.

Moving Asset View Page to Getty Images   April - November 2016
- ➢ **Technologies Used:** Angular, SCSS, Ruby/Rails, PHP, JQuery, Coffeescript, C#, Rspec
- Wrote logic to handle 30 unique download states, adapted responsive carousel to display similar images, and handled backwards compatibility for routing structures.
- Styled the page to be identical to previous iteration, despite different underlying HTML.
- Improved page performance - page load time decreased by 50%. Performance bottlenecks identified using Chrome Developer Tools and debuggers
- Scripted user creation to increase team productivity.

iStockphoto CMS Implementation   March 2014 - March 2016
- ➢ **Technologies Used:** Autonomy TeamSite, PHP, phpunit, CSS, XML, XSLT, C#
- Designed system to fetch complete webpages, and to show fallback content on error.
- Delivered design of key pages under tight deadlines - Homepage, Plugins Promo, Pricing.
- Deployed system to update prices on a per-user basis.
- Took responsibility for training individuals on CMS implementation.

Update Credit Purchase Logic on iStockphoto   June - August 2015
➢ **Technologies Used:** MySQL, RabbitMq, PHP, phpunit, Git
● Worked with legacy code to update credit expiry logic
● Deprecated a purchase flow, removing hundreds of lines of code.
● Improved dozens of unit tests - decreased test suite runtime by 16%.

Allow Anonymous Users to Purchase on iStockphoto   December 2014 - March 2015
➢ **Technologies Used:** PHP, Zend, Jasmine, Grunt, MySQL, Angular, phpunit
● Refactored checkout process to allow anonymous users to purchase items.
● Increased testability of the checkout application.
● Developed a session-based cart for anonymous users, with capability to transfer to database for checkout.

Dissertation - Create Interactive Group of Word Clouds   September 2012 - April 2013
➢ **Technologies Used**: Javascript, Java, Ruby/Rails, CSS, PostgreSQL
● Refined algorithm for creating word clouds.
● Created and deployed scalable web application.

Rytmos - Independant Android Game   June - August 2012
➢ **Technologies Used:** C#, Unity, Photoshop, SQLite, C, Java, SVN
● Developed core game mechanics and setup database for tracking player scores.
● Assisted with art creation, sound processing and marketing.
● Released on Google Play within three-month deadline, using rapid prototyping.

ADDITIONAL SKILLS

● Communication - Responsible for delivering progress and feature presentations to company for asset detail project. Demos project work on a monthly basis to technical group.
● Professional Development - Attended conference for responsive design from Vitaly Friedman, founder of Smashing Magazine
● Mobile Application Development - Writing an Android application in Java to track speed of exercise bike and control TV based around maintaining a minimum speed
● University Projects - Worked with a variety of different disciplines and languages, including Python, C++, C for various courseworks. Available on my Github page - github.com/shofman

EMPLOYMENT

iStockphoto LP / Getty Images   July 2014 - Present
Software Engineer

Basewarp   August 2013 - December 2013
Contract Software Developer

Rytmos   June 2012 - August 2012
Cofounder, Software Developer, Designer

EDUCATION

University of Edinburgh, Edinburgh, UK   Sept 2009 – July 2013
BEng in Software Engineering with First Class Honours