

Michael McCarthy

A disciplined, creative front-end Software Engineer with innovative problem-solving skills and over 15 years of professional experience.

EXPERIENCE

Senior Software Engineer

EPAM Systems (Client: Sephora) - San Francisco, CA

JUNE 2013 - PRESENT

- Lead a team of five front-end developers, rebuilding the product page and checkout process on sephora.com, resulting in significantly faster performance and increase in customer purchases. Technologies used include React, Redux, ES6, Webpack, Node.js and Jasmine
- Learn and utilize Node.js and Grunt to optimize and resize product images automatically for all Sephora applications (sephora.com, iOS, and Android mobile applications, and in-store applications)
- Improve sephora.com performance by reducing homepage load time by 18%
- Use AngularJS to add new features throughout sephora.com including product detail pages, customer account pages, and checkout pages
- Build complex integrations including: Ooyala video, JSON web services (internal and cross-domain) BazaarVoice, Facebook, Google+, Wanelo & Twitter
- Implement a customizable product page featuring CMS-derived content and business logic using AngularJS and Handlebars templates

Software Engineer

EPAM Systems - Conshohocken, PA

SEPTEMBER 2012 - JUNE 2013

- Developed front-end prototypes for a diverse list of large corporate clients including Time Warner, Nintendo, and Sentara. Technologies used included JavaScript, HTML, CSS, SASS, LESS
- Introduced the development team to test-driven development processes using Jasmine unit testing framework, and advocated for their use

Senior Web Developer

GMAC Mortgage - Fort Washington, PA

MARCH 2011 - SEPTEMBER 2012

- Used backbone.js to create a customer account dashboard that communicates with JSON web services so mortgage customers can pay their bill conveniently
- Built the GMAC Mortgage website user interface to match design and interaction requirements, using HTML, CSS, and JavaScript
- Documented the API and coding standards for the JavaScript application using JSDoc and shared it with the team
- Used the Modernizr library to create consistent functionality and layout for various browsers and operating systems
- Maintained a JavaScript application to process a JSON web service that displays mortgage rates
- Implemented a custom version of the Omniture SiteCatalyst reporting suite
- Performed cross-browser and operating system unit testing to ensure consistent interface functionality and appearance
- Improved site performance by 14% by refactoring large files, and implementing client-side caching

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LANGUAGES & APPLICATIONS

Fluent in: JavaScript, HTML, CSS, SASS, LESS, Bootstrap, jQuery, JSTL, JSP, JSON, AJAX and Handlebars.

Proficient in: React, AngularJS, Webpack, Jasmine, Grunt task manager, SSH, Prototype JavaScript framework, Node.js, CVS, SVN, GIT, PHP, command line interface, Adobe Photoshop, Mac, PC & Linux/Unix environments.

SKILLS

Experienced in: Problem analysis, problem-solving, requirements analysis, structured programming design and techniques, testing procedures, debugging, interface and interaction development, MVC design patterns, responsive mobile web development, database and file manipulation and object-oriented programming.

AWARDS

Sprint Achievement Award, 2018

Awarded for the leadership of project teams and successful launch of a new checkout process on sephora.com

Individual Excellence Delivered, 2008

GSI Commerce Employee Award for innovative development of an asynchronous shopping cart, and reduction of open production incidents by 40%

Lead Web Developer

GSI Commerce, An eBay Enterprise - King of Prussia, PA

JUNE 2002 - JULY 2009 & MARCH 2010 - MARCH 2011

- Led multiple project teams of web developers who launched and maintained large-scale e-commerce sites, including Kate Spade, Roxy, Betsey Johnson, Toys R Us, Aeropostale, Polo, GNC, and Bath & Body Works
- Led a team of developers responsible for the reduction of open production incidents by over 40%
- Independently coded prototypes of an asynchronously loading shopping cart and product merchandise page. The “mini-cart” and “express shop” features were deployed as fully formed components on more than twenty GSI client websites.
- Mentored junior developers, documented implementation plans, and integrated various content management systems into websites.
- Performed cross-browser and operating system unit testing to ensure consistent front-end functionality and layout
- Utilized Java-based API to access and output data on JSP web pages
- Used JSTL to modify the functioning of e-commerce shopping cart and checkout processes and to access and display merchandise data
- Used HTML, CSS, and JavaScript to develop the interface of a Struts-based content management system
- Performed rapid assessment of production website issues, recommended and implemented solutions using: JSP, HTML, CSS, and JavaScript

PROJECTS

Skookul.com - Founder, Designer & Developer

MARCH 2012 - PRESENT

An object-oriented JavaScript application that integrates with the septa.org (JSON) and Google Maps web services to provide real-time transit data to users.

PixelOneZero.com

JULY 2009 - PRESENT

My personal programming blog where I share technical articles and write-ups, mostly about front-end programming.

EDUCATION

The Chubb Institute - Springfield, PA - *Web Development & Business Programming*

MARCH 2001 - OCTOBER 2001

Amherst College - Amherst, MA - *BA in Fine Arts (Multimedia)*

SEPTEMBER 1996 - JUNE 2000