

MARC S. BROOKS

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SUMMARY:

Goal driven, self-motivated individual, with a solid background in Internet based technology, and has worked in all functions of software development. More than two decades of experience with extensive knowledge of client-side technologies, server system analysis, deployment and management of large-scale production environments.

Principle, Nuxy LLC

7/2015 – 7/2024

Consumer products, the creation of [physical goods](#) while also maintaining technical projects. Having fun.

Software Engineer IV/ V, Mindbody Inc.

7/2018 – 7/2021

As a full-stack developer, I worked on the consumer product platform. This includes client/server-side development, system deployments, monitoring, and maintenance.

- Developed client/server applications using Ruby (on Rails) and JavaScript programming languages.
- Developed JavaScript components (Login, Sign Up, Google Map, Canonical Router) using React.
- Responsible for deployment of production code using Elastic Beanstalk and related AWS tools.
- Responsible for design/implementation of a EB-based (Lambda) JavaScript prerendering service.
- Responsible for design/implementation of QA automation suite using Selenium/Webdriver.io
- Responsible for integration of the website Content Security Policy using Cloudfront/Lambda.
- Provide guidance and support that includes common design patterns and best practices.

Principle initiatives

- Collaborated with IT/Sec to transition platform services between Akamai/Cloudflare edge providers.
- Responsible for porting development/production platform environments to new AWS VPC network.
- Responsible for upgrading applications to support Elastic Beanstalk (Linux2) platforms.
- Responsible for platform-dependent AWS service upgrades (ElasticCache, Postgres, Lambda)
- Responsible for the maintenance of platform server applications (New Relic, Splunk, CrowdStrike)
- Responsible for development of developer/QA metrics report generators.
- Primary contact with IT/Sec for PCI compliance, domains, and related security audits.

Sr. Software Engineer, Mirum / WPP

3/2015 – 4/2018

As a full-stack developer, I worked in all phases of website and application development. This includes client and server-side development. I have participated in the development of projects for clients: *Qualcomm, Johnson & Johnson, GM, American Family Insurance, Leidos, Dexcom, Pokemon, and USMC*

- Developed client/server applications using PHP, Perl, Ruby, and JavaScript programming languages.
- Developed JavaScript applications using the Angular2, Express, and Ember frameworks.
- Responsible for performing application tuning and resource optimizations for existing projects.
- Responsible for the development and maintenance of Vagrant development environments.
- Responsible for the migration of PM/Financial data between MySQL and Oracle systems.

Sr. Software Engineer, Intuit

10/2014 – 2/2015

As a representative of Digitaria Interactive, I primarily focused on client-side development of Turbo Tax Online/GetData web application components. This includes the prototyping of the 1099x and Mint online experiences from a proprietary JavaScript engine to the Angular2 JavaScript framework.

Sr. Software Engineer, Digitaria Interactive / J. Walter Thompson

1/2012 – 2/2015

As a full-stack developer, I worked in all phases of website and application development. This includes client-side development, system operations, and engineering. I have participated in the development of projects for clients: *AXS, Walt Disney Company, GM, Maven, NFL, Qualcomm, and Sony (UltraViolet)*

- Developed client/server applications using PHP, Ruby, and JavaScript programming languages.
- Developed CMS driven websites using Drupal, Symfony, and the Ember frameworks.
- Responsible for performing application tuning and resource optimizations for existing projects.
- Responsible for porting of preexisting applications to new hosting environments.
- Responsible for the repair and recovery from hardware or software failures.

Sr. Web Developer, Intuit

10/2012 – 5/2013

As a representative of Digitaria Interactive, I primarily focused on client-side development of the Turbo Tax Online NUE (New User Experience) application.

- Responsible for the development of the Tax Summary giving customers the ability to modify collected data and related information submitted during the tax return process.
- Developed custom libraries for adding animated screens into the predefined application flow.
- Responsible for client-side JavaScript performance optimizations throughout the application.
- Developed Maven post-process build scripts to generate optimized code for deployment releases.

SPECIALTIES:

Programming in C, Shell, Go, Perl/mod_perl, PHP, Ruby, and Python. Client-side scripting in HTML, JavaScript, and CSS. SEO. Linux/BSD server administration. Client/server security. MySQL database administration, including relational database design. Creation of scalable virtualized server solutions using Amazon EC2. Creation of CISP/PCI compliant e-commerce website solutions. Well versed in both Agile and Waterfall methodologies.

Cleaning up engineering debt.

OTHER INTERESTS:

[Open Source Software](#), IoT devices, PC Gaming, Motorcycles, and International travel.