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.

Software Engineer IV, Mindbody Inc.   7/2018 – current

As a full-stack developer, I actively work on the consumer product platform (https://mindbody.io). 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 the ReactJS.
- Responsible for the deployment of Production code using Elastic Beanstalk (EB) and related AWS tools.
- Responsible for the design/implementation of a EB-based (Lambda) JavaScript prerendering service.
- Responsible for the design/implementation of QA automation suite using Selenium/Webdriver.io
- Responsible for the integration of the website Content Security Policy (CSP) using Cloudfront/Lambda.
- Provide guidance and support that includes common design patterns and best practices.

Sr. Software Engineer, Mirum / WPP   3/2015 – 4/2018

As a full-stack developer, I actively 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 / JWT   1/2012 – *2/2015*

As a full-stack developer, I actively 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, Disney, GM, Maven, NFL, Qualcomm*, and *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 pre-existing 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.

Principle, Kick Ass Interactive LLC   1/2011 – 12/2011

KAI, a technology consulting firm, with a focus on the development of interactive games, scalable web applications, and virtualized server networks utilizing Amazon EC2

- Responsible for the drafting and execution of all work-for-hire contracts.
- Manage third-party contractors and vendors for all related projects.

Director, Web and Infrastructure, Spin Master Ltd.   10/2009 – 12/2010

Managed and lead the development, integration and operations of website and e-commerce solutions. This includes projects that involve web development, graphic design and server-side integration. Managed all online assets, including domain names (domestic and international). Actively participated in IT and brand strategic planning to understand the customer needs, conceptualize solutions for designing new/enhanced systems, and lead projects to develop online operations in conjunction with company initiatives.

- Operated and scaled a global, high availability hosting solution, serving millions of monthly visits from more than 50 countries.
- Directly supervised managers of system operations/web development in day-to-day operations.
- Managed contracts and billing with third-party providers and vendors for all Internet-related services.
- Participated in corporate meetings to help determine materials, costs, and timelines for all web-related projects.
- Responsible for the deployment and implementation of a COPPA compliant social network and Massively Multi-player Online Player Game (MMOPG) with over half million users.

Sr. Manager of Web Operations, Spin Master Ltd.   4/2008 – 10/2009

- Responsible for the architecture and maintenance of the entire hosting network across three data centers.
- Responsible for the implementation of a global content delivery platform (CDN) used by international marketing and product vendors.
- Developed multi-user applications for increasing user traffic to existing websites, including e-commerce.
- Analyzed and provided technical recommendations on new and existing Internet software packages including website stats, bulk mailing, image processing, as well as researched hardware solutions for optimal web and mail serving.

Web Engineer, Spin Master Ltd.   1/2007 – 4/2008

- Responsible for architecture and systems design related to multi-player online PC game *SwypeOut*.
- Developed, maintained and assisted in the design for brand websites.
- Engineered and maintained Linux based servers running XEN, DHCP, DNS, Apache, NGINX, Java/Tomcat/Glassfish, Flash Media Server, Perl/Mod_Perl, PHP/Zend, Python, Memcached, HA Proxy, MySQL, and Sendmail.

Principle, Olive Works Consulting   5/2005 – 6/2009

- Developed and implemented consumer facing applications: B2B/B2C shopping cart, online product catalog, and administrative applications for content management.
- Maintained Linux/BSD/Open Solaris servers running Bind, Apache, Java/Tomcat, Perl/mod_perl, PHP/Zend, Python, MySQL, Sendmail, Postfix and Qpopper.

Web Engineer, X Concepts LLC   8/2002 – 12/2006

- Developed and maintained websites for *Tech Deck*, *Modifier Cars*, *Citizen*, and *X-Kites* brands.
- Responsible for application servers that hosted webmail and community forums (150k active accounts).
- Responsible for B2B/B2C e-commerce solution that generated revenue of $250k annually.
- Audited and influenced e-commerce network security policies for CISP/PCI compliance.
- Maintained Linux servers running Apache, Java/Tomcat, Perl/mod_Perl, NcFTP, SendMail and Qpopper.

Web Developer, Brawn of California / Hanover Direct Inc.   3/2000 – 11/2001

- Developed and maintained e-commerce enabled websites for *International Male* and *Undergear* brands.
- Developed web applications in ASP and Perl, JavaScript and client-side Java applets.
- Developed front-end web applications for voting, mailing lists, and customer feedback.
- Ported existing websites and applications to new system architecture (Windows to Linux).
- Integrated CISP/PCI compliant payment processing.

SPECIALTIES:
Programming in C, Shell, 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, OpenSim, British motorcycles, and International travel.