EVAN MEEKS, CISc

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FRONT-END ENGINEER ✦ SENIOR EXPERIENCE DESIGNER ✦ FULL STACK DEVELOPER

Software Development ✦ System Design ✦ Process Improvements

Dynamic, detail-oriented, Full Stack Developer with more than ten years of experience in requirements gathering, design and development of applications to support business development initiatives. Analytical Engineer with a proven track record of excelling at learning new technologies and successfully applying them to develop clean and well-structured code. Innovative, experienced designer, developer and coder with versatile background in programming languages, mobile and web technologies, frameworks and databases. Experienced at working on projects from initial idea and development phase (vision/analysis), performing all design/architecture work and delivering the completed product. Self-disciplined, highly organized professional with the ability to thrive in high-paced environments. Outstanding presentation and communication skills and works exceptionally well within a team environment and individually. Superior analytical, time management, collaboration and problem-solving skills.

SELECTED HIGHLIGHTS

Utilized extensive software engineering skills to performance tune and deliver a single page application for efficient and safe delivery of metrics over secured mobile devices and tablets. Successfully reduced four megabyte desktop single page application page load to within one second initial page load for delivery to mobile encrypted devices to increase application efficiency and user satisfaction.

Skillfully prototyped ground-up redesign of existing dashboard into mobile-friendly single page application.

Extensively revamped data functionality to accommodate incoming metric data and dynamic display type rendering.

Effectively completed overhaul of data code into a fully responsive table view for displaying metric data and information security visualizations data.

CORE COMPETENCIES

Application Programming
PHP Unit Testing
Mobile Design and Development

Object-Oriented Technology
Software Analysis and Design
Lean/Agile
Software Development Life Cycle
Database Design/Development
Process Improvement
Project Management
Web Design and Development
Solution Architect

TECHNICAL SKILLS

PROGRAMMING LANGUAGES
JavaScript, PHP, JSP, Director Lingo, Flash Action Scripting, Smarty, jQuery, Objective-C, HTML5, CSS, XML

OPERATING SYSTEMS/PLATFORMS
Weblogic Server 9.2/10.1, Dynamo Application Server 6.3, Tomcat Server, Apache Server 2.4, ATG Application Server, ATG Consumer Commerce Server,

METHODOLOGIES
SCRUM, Waterfall

PROJECT MANAGEMENT
Jira, Mantis, Bugzilla

CONTENT MANAGEMENT
Prestashop, WordPress, DotNetNuke, Drupal, Joomla, Typo 3, phpAdsNew, Aardvark Topsites, Simple Machines Forum

DATABASES
MySQL

DATABASE MANAGEMENT SYSTEMS
MYSQL Administrator

SOFTWARE
Adobe Photoshop, Eclipse, Bea Workshop, Macromedia Flash, Macromedia Director, Macromedia Dreamweaver, Macromedia Homesite, Sublime Text 2/3, JSLint, Adobe Imageready CS, Microsoft Office (Word, Excel, Power Point, Outlook)

HARDWARE
RaspberryPi, ARM SBPs, PC, Macintosh, Android, iPhone
NETWORKING
REST
MOBILE
Worklight Studio, Android SDK
DEVELOPMENT SOFTWARE TOOLS
Backbone.js, Require.js, Modernizr, YUI JavaScript Library, JavaScript Pattern Libraries, Node.js, yepnope.js, Require.js, JavaScript Timings, Closure Compiler, Firebug Lite, Firebug, Chrome Developer Tools, Notepad++, EditPlus, Sublime, Adobe Cloud, Aptana Studio, Weinre, CodeIgniter Minify, iOS Simulator, Chrome Canary, Smarty Templates, Dojo Toolkit, JSON Tag Library, JavaServer Pages Standard Tag Library, DHTML, Flex 2.0, Bea Workshop 9.2/10.1, TopStyle3, Logistics Management Automation (LMA), AES 128-Bit Encrypted Mobile Sandbox View
FRAMEWORKS
Bootstrap, Underscore, Backbone, Twitter Bootstrap, jQuery Mobile, ASP.NET, CodeIgniter
IDE
NetBeans, Android Developer Tools, Android Studio, XCode, Eclipse, MyEclipse, Visual Basic, Microsoft Visual Studio, NuSphere PhpED
REVISION CONTROL
Git/Subversion, SCRUM/Kanban

PROFESSIONAL EXPERIENCE

Driver Support - Active Optimization
Desktop App Development ✦ Austin, TX 2018 – 2018

- Developed desktop application for supporting customer's needs to maintain the most current and optimized drivers to optimize their computers' performance.
- Successfully integrated notifications for client application to facilitate updates for installation of drivers upon a new plug and play device being detected.
- Using C# WinForms with sandboxed Chromium instances, created independent running service which communicated directly with the main Driver Support React-based client desktop application to allow background detection of Plug and Play events and display relevant information generating appropriate notifications and each corresponding appropriate call to action for each new device detection.

- To specification, created dynamic notifications which could indicate any number of new changes in PC performance and connectivity allowing the user to choose how they wished to and optimize and dedicate their PC for dedicated individual purposes.
Technology Stack: MobX, TypeScript, React, Webpack, Node, .Net, C#, Microsoft Azure, TFSVC, TFS Server

Kurrent Cryptocurrency Trading Platform ✦ Denver, CO (Remote) 2017 – 2018
Front End JavaScript Engineer

- Contributed to development and architecting for Kurrent Trading Platform MVP.
- Coordinated with team members and integrated Auth0 authentication.
- Enabled and integrated Auth0 custom Hosted Authentication pages into application.
- Developed a consolidated WebSocket and Redux Store dispatch methods to unify API Events with Reducer Events Dispatch into single event broker Middleware.
- Integrated React Semantic UI components library.
- Integrated separate shared state management module library into application source to reduce fragmentation of development source and lower MVP development overheads.

Dell Premier Configure ✦ Round Rock, TX ✦ 2017 – 2018
Senior Consultant
- Interfaced ConfigRO app with separate Cart, Checkout and Shop application code-base sets.
- Implemented a single-run test debug scenario data as to expedite testing against data updates which required 15 minutes intervals for updates to the data.
- Implemented timely feature requests to ConfigRO app based on PO requirements.
- Implemented timely fixes to defects spanning across data-services' data and code discrepancies.
- Provided clear and robust outlines with accompanying Fiddler data as due-diligence in proving a number of defects were sourced by outside non-team services' data sources as opposed to team-related error in code functionality.
- Worked across a wide variety of technologies including in house data tools, analytics, error reporting services in both C# and Angular code bases to implement feature requests as well as fixes for newly discovered defect functionality.
- Implement small refactors to code that both fixes the code, simultaneously providing improvements in clarity and discernment to overall intended code functionality.
- Productively worked inside Agile-team environments and Agile-team sprints, providing cleanly coded and well tested integrated solutions all within the confine of each team sprint.

Public Consulting Group ✦ Austin, TX ✦ 2017 – 2017
AWS Cloud Portal Development

- Lead Development on PCG Cloud Portal Interface Web, Native Android and Native iOS apps.
- Interfaced front end dashboard components to Node API endpoint data.
- Successfully created and implemented method of expediting Dashboard functionality into React Native app, significantly decreasing deliverable windows.
- Successful deployment of React app to Amazon AWS Elastic Beanstalk for hybrid mobile app integration.
- Integration of Firebase Messaging Service into React Native Android hybrid app.
- Worked with a wide array of code bases, and server technologies across the full stack in conjunction with iOS and Android IDEs to comprise full solutions for cross platform application integration.
- Implementation of Push Notification Microservice conversion of Salesforce BMC Remedyforce / Notifications Outbound Messaging SOAP APIs.
- Fully Developed Restful Salesforce Workflow Rule Triggered Outbound SOAP API Messaging Micro Service for conversion into native iOS and Android push notifications from BMC Remedyforce and Salesforce Workflow Triggers.
- Integration of React Native app for Push Notification registration with ReactJS WebView communication through React Native Pub Sub messaging.
- Tested AWS Solution (AWS CodeDeploy, AWS CodeBuild, AWS CloudFormation Templates) based deployment scenarios in discovery of implementing the services needed to fulfill application specific client needs.
- Development within back end Node API calls for PCG Cloud processing in handling application ticket Self Service Incident and Change Request ticket processing.
- Tested implementation of Salesforce APEX code triggers for implementing notifications for clients.
- Translated BMC Remedyforce Self Service Incident Requests to SOQL API queries for Nodejs API backend in JsForce.
- Full Implementation of Push Notifications of ticket status change notifications from Workflow Rule triggered outbound messages with Expo.io as a single source for sending notifications to Android and iOS.
- Following Amazon AWS documentation rolled out and stood up various MS ADSF, Active Directory testing server configurations for implementing MS Active Directory SSO.

- Tested and implemented full stack service layer solutions throughout each service layer and through the full-service chain via AWS server configurations, browser debugging tools and restful API Testing browser extensions.

GM ✦ Austin, TX ✦ 2016 – 2017
Senior Full Stack Developer

- Development for G:Coin Cryptocurrency Block Chain Loyalty Program POC: created data-driven Pub-Sub based Angular 1.5 Component-based live data visualization Dashboard.
- Development on Bookbycadillac.com – Developed and Oversaw Dual Phase Book Marketing Site per Cadillac wireframe, copy content and style guide and branding specification.
- Worked within tight with Cadillac Marketing and QA to provide optimal quality releases incorporating Agile methodologies, following Cadillac QA Marketing specification requirements via Team Foundation Server sprint-related tickets to improve Book by Cadillac site.
- Quick discovery of root causes, arriving at solutions to issues related to and spanning across all areas within the stack.
  Successfully Integrated Book by Cadillac Phase 1 static site into Adobe Experience Manger.
- Released regular QA and Development builds for collaborative purposes and also to reduce overall Development to QA cycle, allowing quick to immediate feedback using Adobe Experience Manager to deploy successive iterations.
- Assisted in translation of Block Chain backend technology from Azure Cloud Hosting Soliton into local node served Docker Container and Docker Swarms into local GM Windows PC-based virtual-box development platform.
- Significantly reduced overhead and ramp-up levels in local deployment of Maven Urban Active solutions into local environment settings.

FinanceGenius ✦ Austin, TX ✦ 2016 – 2016
Senior Full Stack Developer

- FinanceGenius SaaS Full-Stack Developer working within a varied array of web technologies.
- Working in an Agile Scrum development team environment to maintain and develop existing corporate SaaS technology.
- Working within Scrum development environment: sprint kickoffs, backlog grooming, sprint retrospectives including daily stand ups.

- Working with development leads, PM and developers in code development while also helping refine and reduce development environment work-flow related and and time-sensitive development constraints.
- Quick discovery of root causes, arriving at solutions to issues related to and spanning across all areas within the stack.
- Developed an in-house Form-to-PDF data mapping solution, with customized components and methods using Mozilla's PDFJS and custom implemented CSS3 and Web APIs.
- Refined the overall data-to-PDF mapping process cycle on existing and newly data-mapped PDFs down from days, to often less than an hour per document.
- Authored current standardized base formula used for converting all PDF documents at any pixel depth ratio and size to a unified HTML CSS measurement system.
- Developed custom data-binding, coupling form data with corresponding drawn PDF overlays.
- Integration of Mapping Utility with DocuSign requirements, allowing for fast rollout of all new DocuSign e-signature ready documents.

Technologies implemented in FinanceGenius SaaS development: Git, GitHub, PHP-DI, Lodash, ES 6, KnockoutJS, jQuery, Google Polymer, HTML, HTML5, Web APIs, CSS, CSS3, Node.js, Gulp, Composer, Vagrant, Linux, NGINX, PHP 5.5, Code Igniter, Sparks, Yall, Doctrine, PHP-DI, MYSQL, Xdebug, Blackfire.io, PHPUnit, Docker, Amazon Web Services, JIRA, Confluence and Zephyr for JIRA.

Bank of America ✦ Addison, TX ✦ 2014 – 2015
Front-End User Interface Developer

- Utilized extensive back end and front end FEO skills to performance tune and deliver a single page application for efficient and safe delivery of metrics over secured mobile devices and tablets, in compliance with Google PageSpeed recommendations, using Modernizr conditional script and CSS loading with polyfills.
- Successfully reduced four-megabyte desktop single page application page load to within one second initial page load for delivery to mobile encrypted devices to increase application efficiency and end-user satisfaction.
- Skillfully prototyped ground-up redesign of existing dashboard into mobile-friendly single page application.
- Extensively revamped data functionality to accommodate incoming metric data and dynamic display type rendering.

- Effectively completed overhaul of data code into a fully responsive table view for displaying metric data and information security visualizations data.
- Minified source code, removing all unnecessary characters to increase application efficiency.
- Revised code to proficiently ensure minimal initial loads and fastest response times.
- Implemented wide spectrum page load optimization techniques across all server technology and at every technology presentation layer to reduce page load times and increase viewer satisfaction.
- Developed mobile compatible and hybrid mobile compatible interfaces to ensure customer satisfaction.
- Built in compatibility for future mobile applications such as Android to optimize coding efforts.
- Employed progressive enhancement and mobile-first responsive design methodologies in design process to ensure efficient code for future development projects.
- Focused on efficient "jank-free" animations.
- Effectively utilized front end development with client-side validation, middle tier development and back-end management.
- Successfully met with clients to discuss projects and gather requirements.
- Supported programming changes during quality assurance, user acceptance testing and post implementation to ensure integrity of features.
- Brainstormed the technical and workflow solutions with project leads and developers.
- Defined development tasks and provided time estimates to aid in scheduling.
- Efficiently monitored progress against task estimates to provide status to managers and project stakeholders and to ensure the project was on track for the expected completion date.

Project:
- Font-Awesome
- Modernizr (Yep Nope)
- jQuery, Bootstrap.js, jQuery Mobile
- jQGrid
- Highcharts
- Highcharts SVG
- Chart.js
- Highstock.js
- Raphaeljs
- progressbar.js
- doughnutit.js
- circle-progress.js
- D3 Charts

- jQuery jsPanel
- jquery-mousewheel.js
- Bootstrap Tour
- Bootstrap Select
- Bootstrap Select 2
- Bootstrap Treeview
- Bootstrap Accordion
- jQuery Accordion
- jQuery History
- jQuery JSPanel
- jQuery Knob
- Bootstrap Tour
- Bootstrap Treeview
- jQuery UI
- Raphael
- Bootstrap Modal
- Bootstrap Tabs
- Bootstrap Popover
- Bootstrap Responsive Grid

Verizon ✦ Irving, TX ✦ 2013 – 2014
Senior Engineer

- Worked with iOS native application APIs to integrate data from native application into JavaScript and HTML5 frameworks such as Underscore, Backbone, Twitter Bootstrap and jQuery Mobile.
- Developed mobile compatible and Hybrid mobile compatible interfaces in HTML5 and X-code dev.
- Created JavaScript and CSS that integrate into the native iOS with little to no distinction between platforms.
- Built-in compatibility for future HTML5/hybrid mobile applications such as Android.
- Employed progressive enhancement / mobile-first responsive design methodologies in design process.
- Focus on efficient "jank-free" HTML animations using CSS3 keyframe animations.
- Environment: Bootstrap, HTML5 Boilerplate, jQuery Mobile, Underscore, Backbone, Worknight Studio, Android
SDK, Android Studio, XCode, iOS Simulator, Chrome Canary.

Cotton Blossom Farm ✦ Madison, MS ✦ 2010 – 2013
Lead Developer / Consultant Role / CTO

- Utilized extensive technical skills to deliver search engine optimization and front-end optimization to entire site to provide high ranking search engine visibility across all major search engines.
- Completed re-design of default storefront layout, providing custom design of all web components, layers, interfaces, checkout process, PDF invoices and above-the-fold design.
- Delivered custom inventory management front-end web application design to enhance inventory efficiency.
- Created social media branding, including blog creation and design, Facebook Fan Page and newsletter design to increase website traffic.
- Created ad banners and promotional endeavors for sites to boost customer interest and generate revenue.
- Delivered splash page, slide presentation graphical promotions, and fabric designer and manufacturer brand showcase footer bar to enhance visitor interest and purchasing activity.
- Provided per-product page redesign, and checkout process reflow and redesign to enhance the customer purchasing experience.
- Performed comprehensive analysis and design for program changes to gain and to transfer knowledge of those changes.
- Perform routine PCI DSS Compliance audit.
- Translated specifications and/or requirements into code to complete more complex program changes.
- Acquired and utilized more in-depth business knowledge to support the application.
- Recognized code, process and/or standard inefficiencies and made suggestions for improvement, if applicable.
- Proactively provided documentation to support program changes.

SkyGuard ✦ Flowwood, MS ✦ 2008 – 2010
Web Application Developer

- Decreased functional redundancy and diminished the amount of code and time end users spent performing tasks to increase end user satisfaction.
- Employed best practices in decreasing load time and size of applications to enhance the end users' interaction with consumer and fleet tracking applications.
- Tested and identified bugs and enhancements within applications to ensure optimized functionality and cross-browser compatibility.
- Designed and coded mobile app, enabling translation of consumer application for use on web-compatible mobile phones.
- Provided optimal consistency across A-grade mobile browsers and increased application efficiency.
- Redesigned and rebranded consumer website following World Wide Web Consortium (W3C) specifications and SEO practices.
- Planned, documented and executed unit test plans to ensure all code changes met requirements or specifications.
- Responded to questions, researched and resolved issues to provide technical support for production features.

The Selling Source ✦ Las Vegas, NV ✦ 2005 – 2007
Web Developer

- Re-coded product pages, decreased the amount of code, increased the efficiency of each page and enabled transactions to be correctly posted to provide the end user with a more positive interface experience.
- Reviewed wire frames and gap testing builds, assisted programmers with coding new features for the e-store, and assisted in recoding sales pages and in code changes for site reskin to increase website efficiency.
- Created vacation websites for HYPERLINK "http://catchvegas.com" http://catchvegas.com, customizing the storefront, creating and integrating a Photoshop deliverable template, and redesigning and integrating a component for site sales reporting to enhance website functionality and customer satisfaction.
- Recoded 21 cash loan sites to provide content management with minimal code, and increased search engine visibility, indexing and W3C compliance.
- Effectively skinned sites to work with various content management and coding programs.
- Collaborated with back-end coders to develop multiple solutions for integrating various technologies with content management to ensure maximum coding flexibility and efficiency.
- Utilized extensive programming skills to create a content management front end for HYPERLINK "http://dataxcorp.com" http://dataxcorp.com.

- Recoded the software to operate with a number of advertising, marketing and PPC scripts to enhance marketing efforts.
- Rewrote the template, and installed metrics and analytic software to increase marketing analysis capabilities.
- Collaborated with SEO copywriters and used link building and other SEM strategies for rapid visibility on each major search engine.

EDUCATION
Millsaps College, Jackson, MS
Computer Information Systems (Candidate) – Computer Information Systems
Relevant Projects: Senior Project – Radio Station Trip Planning Software using Dijkstra's Algorithm with latitudes and longitudes scraped from radio-locator.com's database of radio station signal strengths.
Proposed Usage: Find all Jazz radio stations along a particular route and when to tune in/out each station.

References and Recommendations Available