MICHAEL R. BARKLAGE

PORTLAND, OR

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Purveyor of Fine Hand-Crafted Artisanal Code Since 2000

Full-Stack/Back-End Web Developer recently specializing in **PHP**, **JavaScript**, **MySQL**, and **CSS**, looking to grow my skillset in a new full-time position.

Years of experience in delivering web solutions for non-tech companies, improving legacy codebases, designing relational DB tables, web performance tuning, and working as part of a dev team or solo.

Experience

Web Developer - Oct 2020 to current
Cumberland Heights Foundation - REMOTE
Primary Technologies: *PHP 7/8, Wordpress, MySQL, JavaScript, CSS, Bootstrap*
- STAFF PORTAL: Mobile-friendly site relaunch with customized version of Woffice theme. Created plugin for patient screener app. Added SSO logins with MS Azure. Wrote or refactored code for document storage, BI reports, dining menu, customized content per user, distance matrix, employee compliance tests, and more.
- PATIENT PORTAL: Web app on tablets distributed to rehab inpatients. Wrote or refactored code for counselor messaging, campus map, AA content, satisfaction surveys, security, and more.

Web Developer - Jan 2018 to Sept 2020
Carney, Inc / DHS-Office of Accessible Systems & Technology (OAST) - REMOTE
Primary Technologies: *PHP, JavaScript, MySQL, CSS, Linux, xAPI*
- Hourly single-project contract, full- to part-time. Expanded and randomized the Section 508 Trusted Tester Exam, part of a Moodle course that trains government employees to test web pages for disability compliance.
- Used PHP to output randomized HTML5/JS/CSS, created MySQL tables to store answer key data, updated legacy JS exam engine to support new functionality (more exams/multiple attempts), improved admin tools, and implemented methods to prevent exam gaming.
- Solo developer, interfaced directly with OAST clients, tracked tasks via Git and JIRA.
- Also built prototype for VA: Moodle-based OO PHP7 exam engine with xAPI data storage.

Web Developer - Oct 2016 to Nov 2017
A-TEK, Inc / Library of Congress - McLean, VA
Primary Technologies: *PHP, JavaScript, Perl, XML, Linux*
- Full-time contract to maintain a legacy web app that allows the Library of Congress to edit, import, and export metadata for its digital collections.
- Improved validation process, reporting, and import/export performance on large datasets.
- Solo developer, interfaced directly with LoC clients.

Web Developer - Oct 2012 to May 2015
AMC Networks - New York, NY
Primary Technologies: *Wordpress, PHP, JavaScript, Linux/MacOS*
- Part of a small team providing web development and maintenance for AMC Networks clients such as AMC, IFC, Sundance Channel, WeTV, IFC Films, and IFC Center.
- Updated code in shared and individual themes/plugins across several Wordpress installations.
- Typically juggled several JIRA tickets and projects at a time, some on short deadlines, with guidance from PMs. Communicated with internal clients for QA, approval, and deployment.
- Projects included DOC NYC site redesign, an online short film contest across multiple European Sundance Channel sites, adding new cable providers to TV Everywhere, changes to video functionality using Brightcove API.

Software Developer - Oct 2008 to May 2012
truTV - New York, NY
Primary Technologies: *Sharepoint 2007 (.NET), Interwoven Teamsite (Perl/XML), PHP, Javascript/jQuery, MySQL, Linux, Apache*
- Part of a small Web Services dev team serving truTV and The Smoking Gun with team-wide focus on web performance.
- Primary developer of a new company intranet, a custom installation of Sharepoint 2007.
- After Intranet launch, role was split between Interwoven Teamsite development (Perl/XML templates creating PHP/JS/HTML flat files), TV Everywhere API integration, and DevOps (administrating load-balanced Linux/MySQL DB servers, shepherding third-party code into codebase).

Web Developer - July 2000 to Feb 2005, Apr 2006 to July 2008
AuntMinnie.com - Tucson, AZ
Primary Technologies: *ASP (classic), ASP.NET, MS SQL Server, Perl, VB/VBScript, Windows*
- Member of a team developing the web's leading radiology news portal and its spinoff sites, with a focus on supporting the editorial and sales teams using a custom BackOffice.
- Used Perl to parse access logs for stat reporting: ad views/clicks, page views, user data, etc, which were stored in high-volume SQL Server tables and displayed as charts and graphs using ASP. As datasets grew very large, applied indexes, stored procedures and summary tables to improve performance.
- Upon returning to the company in 2006, collaborated on migration from ASP to ASP.NET.

Web Developer - Apr 2005 to Mar 2006
Bel-Red Web Consulting - Seattle, WA
Primary Technologies: *JSP, PHP, MySQL, XML/XSL*
- Maintained codebase for company's biggest client, Victoria Clipper.
- Wrote script that scraped Google results to provide sales team with SEO research.

Education

Bachelor of Science - Computer Science
University of Colorado - Boulder