Martin L. Miller

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MERN/LAMP Full Stack Developer

Experienced Full Stack Developer with expertise in crafting innovative solutions that drive business growth. Adept at optimizing workflows, enhancing system efficiencies, and delivering high-impact digital experiences, blending technical expertise with a creative approach to problem-solving. Passionate about continuous learning, with a strong ability to think strategically and creatively while maintaining meticulous attention to detail.

Technical Proficiencies

Languages and markup JavaScript, TypeScript, Python, PHP, Liquid, HTML, CSS/SASS/LESS, XML, JSON, YAML, Bash/ZSH, markdown, Perl, MongoDB, MySQL/MariaDB, SVG, GraphQL, VB
Cloud Platforms Azure App Service, Azure DevOps, Digital Ocean, Heroku
Frameworks/Libraries Bootstrap, Foundation, Tailwind, Rivet (Indiana University CSS framework), Node.js, React, Gutenberg, jQuery, d3.js, Highcharts
Tools/CLI git CLI, npm, yarn, Bower, Composer, Grunt, Gulp, Webpack, pip, Axios, Express, Bluebird, sed, awk, scp, rsync, ssh, vi, grep, cron, etc., Shopify CLI and APIs, WP-CLI, GitHub Actions, regex, Docker, REST
Software Adobe Creative Suite, SharePoint, Jira, GitHub, HubSpot, Marketo, Eloqua, Apache, Nginx, VSCode, GA4, GSC, GTM
OS CentOS, Fedora, RHEL, Ubuntu, Debian, Raspbian, MacOS, Windows
CMS/EComm WordPress, WooCommerce, Shopify, Cascade
Other Skills SVG and CSS Animation, a11y/WCAG compliant coding practices, clear communicator, Agile/Scrum

Personal Projects

Genealogical Family Tree d3.js based family tree view. mongodb data source exporting to a JSON file for d3 ingestion. Customized dTree.js to allow multiple/sequential marriages and children milleronic.com Work in progress
Résumé Automation GitHub action to export markdown résumé format to PDF, plain text, and JSON. Utilizes [pandoc](https://pandoc.org) Allows versioning of custom résumés. [Résumé Template](https://example.com) This document was created with this process
Web Application for Restaurant Employee Scheduling MERN stack, outputs suggested weekly schedule based on employee availability and experience level. Exports suggested schedule to Google Sheet based on daily labor percentages against morning and afternoon sales projections and adjusted for past sales values. Full editing in the React frontend for employee data and restaurant needs. Dynamic algorithm for schedule creation based on employee availablity, labor costs, labor needs, and current and past sales projections. Work in progress
Cat Photoblog WordPress photoblog of my past pet cats. Custom theme. [Kitties!](https://example.com)
Website Password Unobfuscator JavaScript snippet when bookmarked in a browser will show any password in a password field. Can come in handy :) [undot](https://example.com)

Professional Experiences

March 2025 - August 2025 | Web Developer | [Indiana University](https://iu.edu), Bloomington, Indiana (remote contract)

- Developed bespoke reusable extensions for IU website(s) CMS (Cascade) for frontend display, using Velocity, HTML/CSS, XML, PHP, JavaScript, MS-SDK, MicroSoft Graph API

- Extensions included dynamic data visualization (Highcharts), WordPress blog feeds, SharePoint Lists (Azure MicroSoft Graph API and MS-SDK), LiveWhale Feeds (Calendars), dynamic custom JavaScript filters, and IU-hosted web framework automations

- Architected extension components best practices for implementation

- Extensive use of github actions and CI/CD deployment automations

March 2024 - September 2024 | Lead Web Developer | Merchology, Plymouth, Minnesota

- Custom Shopify theme development for bespoke storefronts, including BouGear

- Extensive usage of the Shopify Storefront and Admin APIs using a GraphQL interface

- Code maintenance, refactoring, documentation, and debugging. Overall reduction of technical debt

- Development of new website features and implemented a new UI, which led to an increase in conversions

- Developer team leadership and management, conducted reviews, stand-ups, and regular 1:1 meetings

- Through website improvements my efforts increased sales efficiency, reduced customer friction, and assisted sales growth from $50M to $72M over a two-year period

- Submitted and completed over 1000 Jira tickets during my tenure at Merchology

- Regular team standups and mentoring of developers

- Chaired the Giveback Committee, an employee-managed group that coordinated and scheduled volunteer activities for Merchology employees. Collectively we volunteered over 1000 hours in 2023

April 2022 - March 2024 | Senior Web Developer | Merchology, Plymouth, Minnesota

- Custom Shopify theme development

- Code maintenance and debugging

- Development of new internal features for the sales department and external customers

- Improved internal processes by implementing a GitHub code repository and GitHub Actions for the Merchandising Department's code updates (pricing scripts, product tag management, global variables)

September 2021 - February 2022 | Full Stack WordPress Developer | PeTA Foundation | Remote

- Authored custom WordPress and WooCommerce themes, front- and back-end

- WordPress plugin development

- Deployments using Webistrano and GitHub Actions

May 2021 - September 2021 | Full Stack WordPress Developer, Shopify Developer | R/West | Remote

- Authored custom WordPress plugins

- Authored custom WordPress themes, front- and back-end development

- Shopify cart and admin customizer development

March 2020 - April 2021 | Full Stack WordPress Developer | Midwest Dental | Bloomington, Minnesota

- Authored custom WordPress plugins

- WordPress front- and back-end theme development for network of websites

- Front-end development work

- Server, application, and database maintenance

- Integrated and updated call center PHP application

- Coded and implemented marketing emails

- Upgraded sendgrid email security, spam filtering, and cloudflare integration

June 2019 - February 2020 | Web Developer | Enesco, Eden Prairie, Minnesota

- Shopify ecommerce theme customization for multiple sites

- PHP development for Shopify API data pipeline to PeopleSoft database

- Multiple website maintenance

April 2016 - February 2019 | Web Developer | Granicus | St. Paul, Minnesota

- Developed custom themes, custom plugins, frontend redesign and implementation for granicus.com, uk.granicus.com and govloop.com. Client-facing and customer interaction

- Authored custom plugins for Eloqua API, Hubspot API, and Marketo API CRM integrations

- Updated and repaired govloop.com, a 300,000 member buddypress and bbpress WordPress multisite network, including refactoring backend, frontend, plugins, and deployment mechanisms using composer, bower, grunt, SASS, and git post-deploy hooks for production and staging environments

- Implemented WP-CFM

- Updated server environment for govloop.com to F5-enabled redundant webservers/replicated database servers and job server on a CentOS server cluster

- Updated DNS records and SSL certificates as needed

- Leveraged Marketo to customize front-end forms and landing pages code for the Marketing Department

June 2012 - March 2016 | WordPress Developer | Mayo Clinic Department of Nursing | Rochester, Minnesota

- Responsible for daily website maintenance including frontend and backend code

- WordPress custom theme and plugin development, API and REST integration with Mayo intranet services (Active Directory, DB/2 databases, .NET and ColdFusion applications)

- Server administration including Bash and Python scripting, cronjobs, WP-CLI, and commandline installation of MySQL, PHP, and WordPress

- Installation and management of analytics software (Awstats and Piwik), for the Nursing Intranet

- Mentored junior members in versioning code via git and WordPress development and best practices

- WordPress training for website admins and authors

This document was dynamically generated from a markdown file at https://github.com/m-miller/resume/ via a GitHub Action.