

SEAN P. O. MACCATH – MORAN

Greetings,

I'm a Drupal technical lead and hands-on senior engineer focused on complex Drupal platforms, modernization work, and practical team delivery. I'm strongest in Drupal 10/11, PHP, custom module development, migrations, configuration management, Views extensions, and the surrounding LAMP stack, with enough frontend range in CSS, HTML, and JavaScript to make sound full-stack decisions.

In recent roles, I've led Drupal development across enterprise and government environments, including platform upgrades, Drupal 7 to 10/11 migration work, shared module architecture, deployment workflow improvements, and site ecosystems with multiple related properties. I set technical direction, review code, remove blockers, and stay close enough to the implementation to keep decisions grounded in the actual system.

I also enjoy the people side of technical leadership. I've mentored junior developers into mid-level and senior roles. I'm comfortable supporting backlog planning, sprint cadence, capacity discussions, and day-to-day delivery when the role calls for it. My approach is steady and practical: clear standards, maintainable code, realistic planning, and a collaborative environment where developers can do good work.

I use modern AI tools as part of my engineering workflow for code analysis, refactoring support, debugging, documentation, test planning, and repository comprehension. I treat them as a productivity layer for experienced engineering work, with final judgment still grounded in maintainability, correctness, security, and fit with the existing codebase.

My resume is attached and available at emanaton.com. I'm also active in the Drupal community as [emanaton](http://emanaton.drupal.org) on drupal.org, where I've contributed patches and maintained modules. I work well remotely and have extensive experience collaborating across distributed teams.

You can reach me by phone or email at your convenience. I'd welcome the opportunity to talk further about how I can contribute. Thank you for your time and consideration.

Cordially Yours,

Sean P. O. MacCath-Moran

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GitHub: github.com/emanaton

Drupal.org: drupal.org/u/emanaton

SEAN P. O. MACCATH – MORAN

I'm a Lead Drupal Developer specializing in complex high-traffic Drupal platforms, Drupal 10/11/n development, custom module architecture, API integrations, technical leadership, Drupal migrations, and practical delivery support. I've led Drupal work for federal, enterprise, nonprofit, and public-facing platforms, including cfainstitute.org, which serves approximately 250k unique visitors per day with periodic surges to approximately 580k, and a 10-site [HHS](https://hhs.gov) ecosystem serving approximately 35k unique visitors per day and 1M unique visitors per month.

CORE STRENGTHS:

Drupal 10/11 development; Drupal 7-to-10 migrations; Drupal architecture; custom module development; shared module architecture; Drupal core plugins; code-driven configuration; PHP/LAMP; Sass/CSS; JavaScript; Apache Solr; AWS integrations; APIs; deployment workflows; Git workflow design; technical leadership; code review; mentoring; Scrum delivery.

EXPERIENCE

Lead Developer (& Scrum Master)

CFA (Chartered Financial Analyst) » Alexandria, VA, USA » October 2025 ~ Present

- Lead Drupal development on cfainstitute.org, a high-traffic enterprise website serving approximately 250k unique visitors per day, with periodic surges to approximately 580k unique visitors per day during events such as exam score releases.
- Define Drupal architecture, coding standards, and maintainable development practices for a 5-person enterprise website team within a 12-person multi-site support group.
- Maintain the Drupal 10-to-11 upgrade deployed in January 2026 and improve deployment workflows using code-driven configuration.
- Own development across 1 primary site, 2 secondary sites, approximately 6 custom site modules, 15 shared company modules, and 4 custom APIs/integrations.
- Developed and maintain a Gitflow-inspired, environment-aligned branching model with persistent develop, testing, and main branches; secured team buy-in and coached developers through a promotion-based release process.
- Serve as Scrum Master for backlog management, capacity planning, ceremonies, sprint cadence, and team visibility.
- Mentor developers through code review, implementation guidance, blocker removal, and technical decision-making.
- Integrated AI-assisted coding tools (including Cursor, GitHub, Copilot, and Lumo) into development workflows to accelerate delivery and improve code quality.
- Championed and mentored the team in practical AI workflows for coding, debugging, safe Git manipulation, report writing, peer review, and running CI against local code to improve individual and team productivity.

LAMP (LINUX APACHE MySQL PHP), DRUPAL (10 & 11), DDEV, SITE STUDIO, ACQUIA DAM, OO JAVASCRIPT, MYSQL, CURSOR, PHPSTORM, LUMO, CLAUD, TELECOMMUTING, MENTORING, PROJECT MANAGEMENT, CSS, GIT, TECHNICAL AND BUSINESS WRITING

Senior Drupal Engineer (Short Term Contract)

Forum One » Alexandria, VA, USA » July 2025 ~ October 2025

- Led Drupal 7-to-10 migration work for archives.gov (NARA / The U.S. National Archives and Records Administration) as part of a 3-person implementation team, focusing on data integrity, workflow continuity, and maintainable migration tooling.
- Built custom migration tooling across approximately 8 custom site modules and 1 custom API/integration, leveraging LLMs (via PhpStorm) to rapidly develop migration templates.
- Partnered with technical leads and stakeholders to validate migration behavior and reduce transition risk.

LAMP (LINUX APACHE MySQL PHP), DRUPAL (7 & 10), DDEV, OO JAVASCRIPT, MYSQL, PHPSTORM, CLAUD, TELECOMMUTING, MENTORING, PROJECT MANAGEMENT, CSS, GIT, TECHNICAL AND BUSINESS WRITING

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Lead Developer (Agency Spanning Project)

Forum One / IQ Solutions (HRSA contract) » Alexandria / Bethesda, USA » October 2018 ~ July 2025

- Led Drupal development for a Public Trust-cleared HRSA/HHS portfolio of 10 federal websites serving approximately 35k unique visitors per day and 1M unique visitors per month.
- Directed an 8-person Drupal delivery team across front-end development, back-end development, content management, QA, and technical implementation.
- Owned development across approximately 40 custom site modules, 25 shared company modules, 25 custom APIs/integrations, 35 repositories, 20 content types, and 30 paragraph types.
- Refined branching and deployment workflows across approximately 35 repositories, standardizing release practices across multiple platforms, vendors, and development/test/stage/production environments to improve stability and reliability.
- Acted as an early adopter of LLM integration and testing, introducing AI development tools for team evaluation and leading discussions on their practical benefits, risks, and potential role in development workflows.
- Built and maintained shared Drupal modules and reusable components across the HRSA website ecosystem.
- Developed custom Drupal functionality including content-driven block visibility, Views plugins, APIs, data integrations, and public-facing interactive features.
- Supported a two-week deployment cadence across the HRSA ecosystem, contributing to approximately 26 deployments per year.
- Coordinated technical delivery with approximately 15 editors and 20 stakeholders across federal web properties.
- Mentored developers through code review, architecture discussion, implementation support, LLM integration, and day-to-day technical decision-making.

LAMP (LINUX APACHE MySQL PHP), DRUPAL (7, 8, 9, 10, & 11), LANDO, DOCKER/DDEV, OO JAVASCRIPT, REACT, MYSQL, LARAVEL, AMAZON WEB SERVICES (AWS), VISUAL STUDIO CODE, NODE.JS, JENKINS, BUILDKITE, BASH SCRIPTING, GHOST INSPECTOR, TELECOMMUTING, MENTORING, PROJECT MANAGEMENT, CSS, GIT, TECHNICAL AND BUSINESS WRITING

Senior Web Application Engineer (Short Term Contract)

Qase » Vancouver, British Columbia, Canada » May 2018 ~ October 2018

- Led development for `qase.org` as part of a 5-person distributed team including 3 developers and a project manager.
- Built and maintained approximately 6 custom site modules and 4 custom APIs/integrations.
- Implemented third-party integrations and supported core application development.
- Provided code review and technical guidance to improve implementation consistency and quality.

LAMP (LINUX APACHE MySQL PHP), DRUPAL (7 & 8), APACHE SOLR, OO JAVASCRIPT, LARAVEL, MYSQL, MSSQL, TELECOMMUTING, MENTORING, CSS, GIT, TECHNICAL AND BUSINESS WRITING

Senior Web Application Engineer

New Target » Alexandria, VA, USA » December 2015 ~ March 2018

- Built data-driven systems across approximately 8 sites, 12 custom site modules, and 10 custom APIs/integrations.
- Developed the multi-source “Data Exchange” integration platform.
- Developed a Solr-backed data store for a Drupal-based CRM.
- Built custom CRM functionality for client organizations.
- Provided architecture and implementation guidance during team transitions.

LAMP (LINUX APACHE MySQL PHP), DRUPAL (7 & 8), APACHE SOLR, OO JAVASCRIPT, LARAVEL, MYSQL, MSSQL, TELECOMMUTING, MENTORING, CSS, GIT, TECHNICAL AND BUSINESS WRITING

Senior Web Application Engineer

Phase2 » Alexandria, VA, USA » March 2013 ~ October 2015

- Developed large Drupal migrations and multi-site platforms for clients including NCAA, Georgia Tech, and The Nation.
- Built and supported approximately 6 sites, 10 custom site modules, and 10 custom APIs/integrations.
- Built custom search and indexing systems, including a Drupal-integrated crawler that extended Solr capabilities.

LAMP (LINUX APACHE MySQL PHP), DRUPAL (6, 7, & 8), APACHE SOLR, NUTCH, OO JAVASCRIPT, MYSQL, VAGRANT, JENKINS, TELECOMMUTING, MENTORING, CSS, GIT, TECHNICAL AND BUSINESS WRITING

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EDUCATION

Zend Certified Engineer

Zend Technologies, Inc.

Bachelor of Science in Computer Science

University of Maine

WORK SAMPLES

Professional Project Portfolio

- **HRSA Website Suite:** Led Drupal development for 10 federal websites, including hrsa.gov, bhw.hrsa.gov, bphc.hrsa.gov, bloodstemcell.hrsa.gov, mchb.hrsa.gov, newbornscreening.hrsa.gov, nhsc.hrsa.gov, organdonor.gov, poisonhelp.hrsa.gov, and ryanwhite.hrsa.gov.
- **Drupal GovCon 2023: Extending Views with Custom Settings:** Presented a live-coded technical session to approximately 50 in-person developers, plus remote attendees, on extending Drupal Views with DisplayExtenderPluginBase to solve complex government website integration challenges.
- **Folklore & Fiction:** Architected, designed, developed, migrated, and modernized a long-term Drupal author platform.
- **Your Vegan Fallacy Is:** Led development, internationalization coordination, and theme architecture.

Open Source Contributions on Drupal.org

- Built [Email Control](#), a Drupal module for granular control over email delivery.
- Built [View Column Control](#), a Drupal Views extension for advanced column configuration.
- Built [Views SOL Filter](#), a Drupal Views filter implementation for advanced filtering requirements.

CONTACT

Thank you for giving me the opportunity to present my skills to you. I'm authorized to work in the U.S. and in Canada without hindrance. Please contact me soon to discuss the ways I can immediately fulfill your needs. I am most available between the hours of 8:00am to 9:00pm EST.

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