
Mai Irie

Software Architect

I am a Software Architect with over 10 years of experience in web development. I have a history of successful implementations for several organizations, including the United Nations, Urban Institute, and Al Jazeera Media Network. I believe that ensuring a good match between a product's feature set and user goals enables product success and healthy adoption.

Brooklyn, NY

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Professional Experience

Phase2 Technology, *New York, NY*

Software Architect

Current

- Developer for a large scale sports site with a specific focus on media, including responsive image setup, Flysystem integration with Amazon S3, and 3rd party DAM integration with search and import capabilities. Development uses an OOP approach in PHP for custom modules. (Drupal 8)
- Work with clients to ensure full understanding of business needs. Design technical implementation and strategy given desired functionality and project constraints such as budget and schedule. Identify project risks and plan mitigations for implementation.
- Provide estimates and create strategy and architectural design for discovery and sales proposals and RFPs.
- Serve as a staff manager for three reports – assist with career development, provide mentorship, facilitate discussions on performance issues, and advise on engineering staffing for projects.

Senior Developer

2014 – 2016

- Co-architect of Al Jazeera Media Network's publishing platform that supports internationalization, asset management, editorial workflow and deployment to a Content Hub-type instance. (Drupal 8)
- Lead developer and tech lead for multiple intranet and extranet implementations. Responsible for setting up continuous integration using Jenkins and handling environment configuration using Vagrant or Docker.
- Created and lead interactive trainings for both technical and non-technical users on the collaborative extranet I architected and developed.

Alley Interactive, *New York, NY*

Director of Platform Services, Drupal

2013 – 2014

- Lead developer for new builds and maintenance of high-traffic sites for media, entertainment and higher education clients, including The New Republic and Hebrew Union College.
- Worked on HTML flat file processing for archived static site for CNN Money.
- Assisted with development of custom PHP modules for Sports Illustrated Winter Olympics site.
- Provided technical and process leadership as part of the company's Management team.

Software Developer

2013

- Lead architect for Hebrew Union College's site rebuild and port from a static HTML/PHP file site to Drupal 7.
- Created a print and online subscription processing system for The New Republic, and worked on their re-launch on Jan 2013 as well as a smaller design revamp launch Sep 2013.
- Assisted with the theming and development of The National Review site re-launch.

Skills

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|---------------------------|---|
| Languages | PHP, JavaScript, SQL, Sass, CSS, HTML, Java |
| Frameworks | Symfony 2, Drupal versions: 8 & 7 |
| Other Technologies | Git, XHProf, Docker, Vagrant, Puppet, Node.js, GruntJS, AngularJS, CasperJS, JQuery |

Certifications

Acquia Certified Developer 2014

Education

University of Pennsylvania, School of Engineering & Applied Science, Philadelphia PA
Master of Computer & Information Technology, May 2009

University of Pennsylvania, College of General Studies, Philadelphia PA
Non-Degree Post-Baccalaureate Program, Sep 2006 – May 2007

Yale University, New Haven CT
Bachelor of Arts, Major: *Graphic Design*, May 2004

Speaking Engagements & Publications

- NJ and NYC Drupal Meetup (Dec 2016, Jan 2017): [Drupal 8: Content Staging](#)
- NYC Drupal Meetup (Oct 2016): [Overview of Media in Drupal 8](#)
- DrupalCon Dublin (Sep 2016): [A Future-focused Digital Platform with Drupal 8](#)
- NYC Drupal Meetup (Jan 2016): [Tmate: A cool tool for terminal sharing](#)
- Phase2 Technical Blog post (Nov 2015): [Managing Multiple Timezones for Events in Drupal](#)
- NYC Camp 2015: [Opening the Doors to Collaboration: IASC & Open Atrium](#)
- Platoff, A. M., Lessing I., & Irie, M. (2012, October 22). [Leveraging Drupal Capabilities to Create a User-Focused Library Website](#). Internet Librarian 2012 (Monterey, California).

Volunteer & Community

- Co-Organizer**, NYC Drupal community and Drupal NYC Playday Organizer Sep 2014 – Present
- Co-organize the monthly Drupal tech meetup.
 - Host monthly open office hours for the NYC Drupal community.
- Founder & Workshop Instructor**, BK Mushroom Workshop Jan 2015 – Present
- Successfully crowd funded for startup costs of equipment and materials for workshops.
 - Created and teach free workshop on fungus basics, oyster mushroom cultivation, and mycoremediation.
- Secretary**, 1100 Bergen Street Community Garden Dec 2015 – Present
- Manage communications, social media and mailing lists, and take meeting notes for the garden.
- Volunteer Instructor**, ScriptEd – Academy of Innovative Technology Aug 2015 – Present
- Taught HTML, CSS, and JavaScript to 11th graders.
- Co-Organizer**, NYC Camp Fall 2013 – Summer 2015
- Co-organizer for an annual free Drupal developer conference held at the United Nations that provides 1000+ attendees with knowledge and new skills on a variety of Open Source technologies.