

# JOSEPH CHEEK

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## SENIOR DRUPAL / LAMP (LINUX, APACHE, MYSQL, PHP) ARCHITECT

Product and Project Manager, Web and Mobile Developer

Drupal expert with fourteen years of Drupal, twenty-one years of PHP, twenty-three years of Linux experience. Designed and/or built high-profile Drupal sites such as Weather.com, Ed.gov, PGA.com, and GuessWatches.com. Drupal Architect on Weather.com, Ed.gov, and for Turner Broadcasting. Management savvy with talent for and enjoyment of coding. Federal Government experience. Drupal.org code contributor.

Web Architecture • Web Development • User Interface Design • Software Workflow Design  
Product Engineering • Product Management • Professional Services Management  
Business Development • Technical Account Management • Subject Matter Expert

Drupal • Apache • Nginx • PHP • HTML5 • CSS • SASS • LESS • Bootstrap • AJAX • JavaScript  
jQuery • JSON • SOLR • Acquia • Pantheon • Facebook, Twitter • Responsive Design • MySQL  
Lando • Docker • Vagrant • Chef • i18n • Drupal Multisite • Mobile Web • Native iOS and Android  
Linux • Embedded Linux • Akamai • Amazon Web Services (AWS) • Brightcove • Cloudflare

## REFERENCE PROJECTS

**ETOnline.com** and **InsideEdition.com** – full-stack developer for flagship CBS Drupal sites  
**Ziquid.com** and **zds.group** – full-stack developer for multisite Drupal 8 installation  
**Everbrite Customer Portal** – full-stack developer for new Drupal 8 Extranet  
**SAMHSA.gov** – full-stack developer, Drupal SOLR architect for US Federal Government sites  
**Hiscox.com** – developer, site engineer for new Drupal 8 site for small business insurer  
**DRACO** – backend developer, architect for new Drupal 8 common core for all Turner sites  
**CPCU CE** – new D7 site for Insurance Education, using Bootstrap and a responsive design  
**Shake Shack Card Not Present** – built headless Drupal 7 site as a backend for POS system  
**TravelandLeisure.com** – migrated site from proprietary Ruby-based CMS to Drupal 7  
**Weather.com** – architect for new Drupal 7 site for The Weather Channel  
**Chick-Fil-A Exchange** – migrated internal Drupal 6 site to D7, added multimedia features  
**PGA.com** – integrated PlayGolfAmerica.com site, added Facebook and Twitter to Drupal 6  
**Connect|SYKES** – back- and front-end Drupal 6 developer for corporate intranet sites  
**GuessWatches.com** – helped create the Fall 2012 Guess Watches Drupal 7 redesign  
**USDA Foreign Agricultural Service** – Subject Matter Expert for Drupal migration  
**CGAP.org** – back-end developer for redesign and migration of World Bank site to Drupal 7  
**Ed.gov** – architect for new Drupal 6 site for U. S. Department of Education  
**CNNGo.com** – built Drupal 6 site from scratch for new CNN/Turner project  
**Timesys.com** – migrated Plone, static HTML, and PSE web site to Drupal 4.7/5

## PROFESSIONAL EXPERIENCE

**ViacomCBS, Burbank, CA, April 2020 – Present**  
**Mass-Media Conglomerate**

### **Drupal 8 Developer**

Full-stack Drupal Developer responsible for the maintenance and enhancement of two CBS Television Distribution web sites, ETOnline.com (Entertainment Tonight) and InsideEdition.com. Updated mobile,

tablet, and desktop advertising placement. Integrated taxonomy into existing content-based landing pages. Audited RSS feeds and edited underlying Views and PHP code for W3C RFC compliance. Audited AMP HTML and edited underlying PHP and JS code for AMP project compliance.

- Updated six custom Drupal themes and ten custom Drupal modules and created three new Drupal modules, totaling 63,000 lines of code
- Integrated Vue- and React-based front ends to Drupal back end
- Tools used: PHPStorm, Composer, Git, Jira, Bitbucket, Bamboo, GitHub, Slack, Drupal 8, Symfony 2, Vue.js, React.js, Lando, Docker

**Everbrite, LLC, Greenfield, WI, October 2019 – February 2020**  
**Sign Maker**

**Drupal 8 Architect and Senior Developer**

Architect and Full-stack Drupal Developer responsible for the front-end technical architecture, launch, and maintenance of the Everbrite Customer Portal. Integrated custom forms with proprietary back-end REST APIs using the JSON data format.

- Created forms for user acquisition, authentication, sales, and reporting
- Tools used: PHPStorm, Composer, Pantheon, Git, Acquia Dev Desktop, Jira, Bitbucket, Slack, Drupal 8, Symfony 2, Webform

**SeKON Inc, Reston, VA, July 2018 – September 2019**  
**Federal Government Contractor**

**Full-Stack Drupal Developer, Drupal SOLR Architect**

Full-stack Drupal Developer responsible for the maintenance of four government web sites, including SAMHSA.gov. Integrated custom code with third-party search engine. Planned SOLR migration.

- Updated SCSS, Moustache templates to match new look-and-feel designs
- Updated navigation code to provide Section 508 compliance
- Tools used: PHPStorm, Git, Compass, Acquia Dev Desktop, Jira, Bitbucket, Lando, Docker, Mindbreeze, SOLR, Azure cloud

**Hiscox, Inc (LSE: HSX), Atlanta, GA, October 2017 – February 2018**  
**Small Business Insurance Company**

**Drupal 8 Senior Developer**

Full-stack Drupal Developer responsible for the launch and maintenance of Hiscox.com, the main web site for the US arm of the company. Supported the web site from pre-launch through start of Phase 2 development.

- Maintained and developed 38,000 lines of code
- Tools used: PHPStorm, SASS/Compass, Composer, Git, GitLab, Acquia Dev Desktop, Jira, Confluence, Bitbucket, Jabber, Slack, Acquia, Varnish, Cloudflare, Drupal 8, Symfony 2, Vue.js

**Tata Consultancy Services (NYSE: TCS), Atlanta, GA, September 2016 – October 2017**  
**Professional Services Company**

**Drupal 8 Architect and Senior Developer**

Back-end Drupal Architect and Developer responsible for creating a common Drupal 8 core distribution for all Turner properties except CNN (NBA.com, PGA.com, NCAA.com, Adult Swim, TNT, Boomerang, Cartoon Network, etc.). Created module to support dispersal of image assets to cloud accounts with support for on-the-fly resizing and manipulation.

- Audited 67,000 lines of code for security and coding errors resulting in 150 recommendations
- Tools used: PHPStorm, PHPCS, Composer, Git, GitHub, Acquia Dev Desktop, Jira, Confluence, Bitbucket, Jenkins, Slack, Amazon AWS S3, Cloudinary, Drupal 8, Symfony 2

**The Institutes, Malvern, PA, January – August 2016**  
**Insurance Education Company**

**Senior Drupal Developer**

Front-end Drupal Developer responsible for creating a responsive Drupal 7 web application to support Society members' renewal activities. Coded HTML, PHP, Bootstrap LESS, JQuery to conform to client designs. Responsive, mobile-first design with support for phone, tablet, and desktop views. Integration with Oracle 11g back-end database through ODAF connectivity layer.

- Development in a 'Pure-Agile' environment
- Tools used: Git, Gulp, Less, Vagrant, VirtualBox, Jira, Stash, Bamboo, Sharepoint, MediaWiki, Slack, Lync

**NOVOLOGIC, INC., Lawrenceville, GA, September – November 2015**  
**Content and Media Management Consultancy**

**Senior Drupal Developer**

Back-end Drupal Developer responsible for creating headless Drupal 7 web application to support POS (Point of Sale) application. Created JSON API endpoints for Android tablet front end, integrated with Heartland Payment Systems for credit card processing. Integrated email and SMS messaging support for customer notification.

- Tools used: Subversion (SVN), Heartland API (for credit card processing), Nexmo (for SMS), Amazon SMTP (for email)

**TIME, INC. (TIME), June 2014 – September 2015**  
**Magazine Publisher**

**Onsite Drupal Team Lead**

Client-facing Drupal Team Lead responsible for leading migration of TravelandLeisure.com to Drupal 7. Advised on architecture, managed product requirements, coded and reviewed code, lead team of six onsite and seven offshore developers and testers, in addition to offshore project managers, architects, and business analyst. Interfaced with client's product manager, stakeholders, and technical advisors.

- Audited all content types and taxonomies for migration to Drupal CMS
- Asked to participate in planning and migration of other TI web properties to Drupal
- Managed 362 Agile stories, migrated 15 content types, and built 25 page templates
- Tools and technologies used: Git, GitHub, VMWare, Jenkins, CentOS, Jira, Confluence, Nginx, Apache, SQL, Percona DB, Varnish, Akamai, Drush, Migrate, Context, Views, Bootstrap, LESS

**THE WEATHER CHANNEL, LLC, Atlanta, GA, February – May 2014**  
**Television and Online Weather Broadcaster**

**Drupal Architect**

Drupal Architect responsible to provide a successful relaunch of the highest-browsed Drupal site in the United States, averaging 30-50 million page views daily. Advised on security, performance and scalability, deployment, integration, internationalization, development, testing, and content migration best practices.

- Audited 81 groups of configuration settings and 116,000 lines of code to provide 76 prioritized recommendations to enhance security and maintainability
- Tools and technologies used: Git, Vagrant, VirtualBox, Chef, Ubuntu LTS, AWS, Acquia hosting, Jira (both Agile and KanBan), Confluence, Akamai with ESI, Angular.JS, SASS

**NOVOLOGIC, INC., Lawrenceville, GA, January – February 2014**  
**Content and Media Management Consultancy**

**Drupal Developer**

Back-end Drupal Developer responsible for upgrading existing Chick-Fil-A internal Drupal 6 site to Drupal 7 using a new architecture. Integrated multimedia uploads with Brightcove CDN. Wrote tools (Feeds, Form API, bash, cron) to synchronize user and store location information with external (XML, Excel spreadsheet) data sources. Added the ability for users to request specific content from their peers with targeted nightly e-mail notifications.

- Advised on content and data architecture and web site workflow
- Finished 70% of weekly sprints ahead of schedule, all remaining on time
- Tools used: Subversion (SVN), Amazon Web Services (AWS), Amazon RDS

**PGA.com / Turner Sports (TWX), Atlanta, GA, October 2013 – January 2014**  
**Televised and Online Sports Content Broadcaster**

**Drupal Developer**

Back- and Front-end Drupal Developer. Integrated functionality of sister site **PlayGolfAmerica.com** into main **PGA.com** web site as a Drupal subsite. Created ability for users to find 'Friends Who Play Golf' on Facebook and follow interesting PGA Professionals via Twitter. Integrated JSON search results from Active.com and internal Apache SOLR servers using custom Drupal modules. Hand-coded JavaScript and minimal JQuery to speed page-load times.

- Implemented Drupal pages using template variables which increase site performance 200% versus using standard Drupal Views and Blocks
- As a new developer, achieved 165% of the expected velocity of established developers during the first four months of employment
- Advised on Drupal 6 to 7 migration
- Wrote cross-browser compatible HTML, CSS, JavaScript, and JQuery code, targeting twelve different Browser version/OS combinations, including Mobile Safari
- Tools used: Adobe Photoshop, Subversion (SVN), Jira, Bamboo, Confluence, Turner CDN

**SYKES, INC. (SYKE), Tampa, FL, August 2012 – September 2013**  
**Customer Service Contractor**

**Senior Drupal Developer**

Back- and Front-end Drupal Developer. Implemented new designs for corporate Intranet using Drupal. Responsible for all areas of all sites' development, including HTML5, XHTML, JavaScript, AJAX, CSS 3, Flash, and management of LAMP servers.

- Managed and updated multiple Facebook presences and associated Facebook apps
- Implemented functional Drupal sites based on Adobe Photoshop (PSD) and Adobe Illustrator (AI) designs
- Created desktop, tablet, and smartphone designs using responsive design methodology
- Moved all multimedia content to Amazon CloudFront CDN, ensuring smooth access to content in the 21 countries that SYKES has employees
- Integrated modern social features into intranet, including friending, shared groups, user wall and timeline, user profile, shared and individual photos, in-browser and e-mail content notifications, likes/dislikes, and objectionable content flagging

- Managed 129,000 lines of code, including 191 Drupal modules, 19 of which are custom

**DRUPAL CONNECT, Providence, RI, January – August 2012**  
**Drupal Development Agency**

**Senior Drupal Developer**

Back- and front-end developer for several client web sites, including Guess Watches, USDA Foreign Agricultural Service, Consultative Group to Assist the Poor (CGAP, a World Bank program), Rockefeller Brothers Fund, and National Charter School Resource Center.

- Successfully participated in on-time delivery of Drupal/LAMP web site designs and redesigns for many diverse clients, including public, private, and non-profit
- Integrated with existing Agile development methods of semiweekly sprints and coding to requirements based on user stories
- Tools used: Subversion, Git

**ACTIONET, INC., Vienna, VA, September 2009 – January 2012**  
**Government Contractor**

**Senior Drupal Architect**

Architect for U.S. Department of Education's public-facing web site, www.ed.gov, serving 30 million hits monthly. Designed Drupal implementation for migration from IBM J2EE WebSphere and Interwoven TeamSite, integrating web 2.0 technologies like blogs, mini-sites for program offices, photo galleries, forums, wiki, RSS feeds, tagging, more. Led team of five developers.

- Participated in all requirements sessions and designed Drupal architecture to match
- Successfully designed and implemented combination software/hardware solution that serves twice as much traffic as whitehouse.gov using 10% of the EOP's estimated budget
- Designed and technically managed nine major and many more minor releases in 21 months
- Commended by client for successful, on-time implementation of new Drupal architecture and employer for successful contribution of ED.gov code back to Drupal codebase
- Led and managed development team through full SDLC, including requirements gathering, solution architecture, development, code review, Section 508 review, testing and certification, security audits, and deployment to test, production, and disaster recovery sites

**MATRIX RESOURCES, Atlanta, GA, July – September 2009**  
**IT Recruiting and Professional Services Company**

**Drupal Developer**

Engaged to put new CNN/Turner web site, CNNGo.com, back on schedule. Coded PHP for Drupal 6 / LAMP implementation with 123 modules, 35 of which were custom.

- Successfully put the project that was weeks behind schedule back on track, hitting our delivery date

**VOLUNTEER SERVICE**

ILLINOIS CHICAGO LDS MISSION, Downers Grove, IL  
 January 1993 – December 1994

**EDUCATION**

AMERICAN PUBLIC UNIVERSITY, Charles Town, WV  
Major: Intelligence Studies

POINT PARK UNIVERSITY • COMMUNITY COLLEGE OF ALLEGHENY COUNTY  
SALT LAKE COMMUNITY COLLEGE • BRIGHAM YOUNG UNIVERSITY  
GLENDALE (AZ) COMMUNITY COLLEGE  
Majors: Intelligence and National Security, Computer Science

## PRINT PUBLICATIONS

PRIMA PUBLISHING: Integrating Your Network with Caldera OpenLinux  
C-LEVEL TECHNOLOGY REVIEW: featured columnist (Inside the Minds)  
COMPUTER SOURCE: featured columnist (almost 30 monthly articles on Linux)  
FALSOFT, INC: contributing author (4 articles on OS-9 programming)

## CLEARANCES / CERTIFICATIONS

Department of Education: 6C (Public Trust) clearance (inactive)  
COMPTIA: Security+, Network+, Linux+  
**SHL**: JavaScript (Proficient), CSS3 (Advanced), HTML5 (Advanced)  
BRAINBENCH.COM: Master Linux Administrator (RHEL5)  
NOVELL, INC.: Certified NetWare Administrator (CNA)

## RECOMMENDATIONS

Commended by Department of Education for on-time delivery  
16 recommendations and 576 endorsements on LinkedIn ([linkedin.com/in/josephcheek](https://www.linkedin.com/in/josephcheek))

\*\*\* Basic knowledge of French and German \*\*\*