

Kelly Beck

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SENIOR SOFTWARE ENGINEER

A top-performing software engineer and consultant with comprehensive experience in the design and development of software. Keen ability to identify challenges and develop innovative solutions that increase program efficiency and project cost savings. Seasoned team leader with cross-functional leadership and conflict resolution experience. Skilled in full-cycle project management, including strategic stakeholder communication and team leadership.

AREAS OF EXPERTISE

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|-------------------------|--------------------------|-------------------------------|
| • Software Engineering | • Systems Administration | • Technical Compliance |
| • Open Source Software | • Technical Support | • Process Improvement |
| • Solutions Development | • Troubleshooting | • Quality Control |
| • Software Architecture | • Data Migration | • Strategic Planning/Analysis |

KEY SKILLS ASSESSMENT

OPEN SOURCE SOFTWARE EXPERTISE – Skilled in the design and development of open source software in support of firm mission and goals, including custom automation software and data management.

CONSULTATIVE EXCELLENCE – Proven ability to provide comprehensive consulting services that exceed client expectations, from concept to design, implementation and project execution.

NOTABLE CLIENTS - American Civil Liberties Union (ACLU), National Football League (NFL), National Basketball Association (NBA), Turner Broadcasting, National Association for Stock Car Auto Racing (NASCAR), University of Georgia, Rutgers University, Stanford University, United States Centers for Disease Control and Prevention (CDC), Habitat for Humanity, National Consumer Law Center, Aids Clinical Trials Group, EMD Serono, Perkins & Will, Forever Aligned Club, Georgia Public Broadcasting, American Federation of Teachers, Law School Admissions Council.

PROFESSIONAL EXPERIENCE

GOLLYGOOD SOFTWARE, LLC, AUGUSTA, GA

08/2015 – PRESENT

Co-FOUNDER, SENIOR SOFTWARE ENGINEER

- Co-Founded and managed a software engineering firm based in Augusta Georgia that is dedicated to the craft of producing the highest quality software humanly possible. We offer contract software engineering services in a range of open source web technology platforms including Drupal, Wordpress, Joomla!, Symfony, Silex, Android, Chef, and Vagrant.
- Currently providing the following contract consulting services to Drupal projects as part of web development teams: customer requirements gathering, systems analysis, software architecture, hosting systems architecture, delivery scheduling, team leadership, software implementation, and technical documentation.
- Significant projects
 - Implemented Single Sign-on using LDAP, Active Directory, and PHP for a major law firm intranet.
 - Architecture and implementation lead for a major pharmaceutical company public outreach site.
 - Architecture and implementation lead for CMS implementation teams providing state-level legal aid services based in Illinois, Massachusetts and New Hampshire

MEDIACURRENT, LLC, ATLANTA, GA

08/2012 – 07/2015

LEAD DRUPAL ARCHITECT

- Provided management of small to mid-sized Drupal projects as part of web development teams, including customer requirements gathering, systems analysis, software architecture, hosting systems architecture, delivery scheduling, team leadership, software implementation, and technical documentation.
- Employed software expertise and business development acumen to successfully identify opportunities and guide projects from pre-sales through planning to execution.
- Ensured compliance of company and stakeholder guidelines and effectively managed project timeline, staff composition, and project deliverables, maintaining the highest levels of quality assurance.
- Provided guidance and software solutions as a specialist in data migration to Drupal-based systems and source platforms, including Wordpress, Joomla, and customized content systems.

- Significant projects:
 - Designed and implemented Vagrant and Chef-based virtualization tool for developer workstations.
 - Implemented performance optimization for National Football League team site platform.
 - Implemented accessibility National Basketball League team sites platform.
 - Designed Habitat for Humanity primary website architecture.

SOCIAL & SCIENTIFIC SYSTEMS, INC., SILVER SPRING, MD

06/2009 – 08/2012

SENIOR PROGRAMMER/ANALYST

- Provided lifecycle software engineering services for several U.S. government public health departments and national clinical trial networks, including ACTG, IMPAACT, and NIRC.
- Recognized as a subject-matter expert for all software engineering phases based on the Drupal CMS platform and federated identity systems.
- Evaluated software engineering project operations and implemented process improvements (CMMI) in support of firm goals and mission.
- Provided consulting, systems administration, and inter-departmental mediation services to ensure continuity and quality of service to the application layer systems.
- Significant projects:
 - Designed and implemented federated identity management system using SAML and PHP that connected to the Centers for Disease Control and was used by multiple research organizations.
 - Implemented first firm-wide adoption of infrastructure for software revision control using Subversion.

BLACKBARN MEDIA, ALEXANDRIA, VA

01/2009 – 06/2009

SENIOR DEVELOPER

- Served as the senior Drupal architect, expanding large project planning and delivery capabilities; provided guidance and mentoring to junior staff members.
- Reinforced existing efforts to adopt full SDLC methodologies and encouraged industry best practices.
- Developed PHP framework capabilities based on the Symfony platform and provided training based in general Object Oriented software design principles and practice.

MORRIS DIGITALWORKS, AUGUSTA, GA

09/2005 – 01/2009

SOFTWARE ENGINEER, 2007 - 2009

- Responsible for enterprise software development for LAMP architectures based on Drupal and Custom PHP platforms, RPM package development, FAST enterprise search integration on the Drupal and Spotted platforms, Drupal authentication system integration, custom administrative tools development, release engineering, source repository management, and systems administration.
- Excelled in cross-functional groups by developing and implementing effective protocols and shared goals to drive company mission and ensure product sustainability.
- Served as a technical liaison for non-technical stakeholders, providing technical expertise; managed development products; and provided team training in development methodologies and best practices in technical documentation.

WEB DEVELOPER, 2006 - 2007

- Served as Lead Drupal Module Developer for all projects based on the Drupal platform.
- Played a key role in several major Drupal development projects, developing and implementing effective process improvements and workflows and reinforcing quality control measures.

INTERN, 2005 - 2006

- Developed prototype Drupal modules for the search, aggregation, and content modules during a four-month internship, demonstrating a talent for quickly absorbing and applying information and new technologies.

STUDENT EMPLOYMENT

CONTRACTED ENGAGEMENTS, AUGUSTA, GA

10/2001 – 06/2005

A+ CERTIFIED COMPUTER TECHNICIAN

AUGUSTA STATE UNIVERSITY, AUGUSTA, GA

09/2000 – 10/2001

CUSTOM SOFTWARE AND LIBRARY COMPUTER TECHNICIAN (WORK STUDY)

EDUCATION

AUGUSTA STATE UNIVERSITY, AUGUSTA, GA

09/1995 – 06/2005

BACHELOR OF SCIENCE, COMPUTER SCIENCE, 1999 - 2005

- Minor in Mathematics, President, ACM Club

MUSIC MAJOR, 1995 - 1996, 1998

- Music Performance, Baritone Saxophone, Tuba
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TECHNICAL PROFICIENCIES

Systems:	Debian, FreeBSD, Mac OSX, Red Hat, Solaris, Ubuntu, Windows
Subjects:	Authentication, Identity Management, Cloud Hosting, Content Management, Content Delivery Networks, Full Stack Web Development, DevOps, Linux Release Engineering, Open Source, Software Packaging, Revision Control
Frameworks:	Bootstrap, Drupal, Node.js, React, Symfony, Twig, Wordpress
Databases:	Memcached, MySQL, Oracle, Postgres, Redis
DevOps:	Chef, Docker, Debian (Apt), Jenkins, Red Hat (Kickstart, Satellite, SRPM, Yum), Vagrant, Xen Virtualization
Hosting:	Acquia, Akamai, Amazon (EC2, S3, AWS), Cloudflare, Google, Bitbucket, DigitalOcean, Dnsimple, Github, GoDaddy, InMotion, Namecheap, Netlify, Pantheon, Sendgrid, VPS.net
Tooling:	Apache Ant, Blazemeter, Bower, BrowserStack, Composer, Gatsby.js, Git, Jmeter, Lando, Make, New Relic, Perforce, Plesk, Squid, Subversion, Varnish, Vim
Languages:	Bash, C++, CLIPS, CSS, Java, JavaScript, LISP, Perl, PHP, Python, Ruby, SASS, SQL, UML, XML, XHTML, XSLT
Project Management:	Atlassian (Confluence, Jira), Basecamp, Drupal Open Atrium, Github, Harvest, IRC, Pivotal Tracker, Skype, Slack, Trac, Zendesk