Jakobie Vrandel Alexander

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PROFILE

Senior Web Solution Engineer that is an analytical problem solver, known for ability to seek out challenges and constantly streamline web solutions for efficiency, cost reduction, and client satisfaction.

PROFESSIONAL EXPERIENCE

Peak Activity, **Full Stack Web Developer** *Boynton Beach*, FL   January 2018 - September 2018

• Developed Enhancements to Clients E-commerce Web Applications
  • Developed Customer Experience Enhancements for furniture retail client using Magento 1.9 Enterprise
  • Created Unit Test using Selenium on enhancements
  • Developed Custom Reports via SQL queries for business analysis
• Developed Enhancements to Framework of a security equipment retailer using CloudCraze/Salesforce
  • Developed user new UX by the migration of environment from Bootstrap 2 to Bootstrap 3
  • Developed Salesforce Email Templates using APEX Java and HandlebarsJS
  • Developed SEO friendly landing pages
• Developed Enhancements and API integration for a real estate developer for a existing application written PHP

Kobiemark Technologies, *Web Solutions Engineer* Margate, FL   January 2015 - Present
  • Perform Freelance and Contract work
  • Design, Develop, and Maintain the client web solutions using CMS (Wordpress, Joomla, Drupal, Liferay) Open Source Programming Languages (XHTML/HTML5, CSS/CSS3, PHP, Javascript/JQuery/AJAX) and other open source application and Frameworks(CakePHP, AngularJS)
  • Developed Wire frame and Layout Prototypes of static and/or dynamic responsive UI/UX designs
  • Met with clients to gather initial design requirements as well as formed user focus groups to refine UI/UX design
  • Design , logos and other web graphics using Adobe Creative Suites(Photoshop, Illustrator, InDesign)
  • Develop dynamic database(MYSQL/MSSQL) applications using Open Source Programming Languages
  • Design, Develop Client Web Portal environment using Liferay, Wordpress, and Joomla Portal/CMS
  • Design and Develop Client E-Learning environments using Moodle and other resources
  • Developed Training videos using Adobe Premier and After Effects
  • Written custom Testing Applications in PHP/Javascript
  • installed and customize Moodle Environment on LAMP Infrastructure
  • Design and Develop Client E-Commerce environments using Magento, J-Cart, and WooCommerce
  • Developed Mobile Android Applications from PHP web application using Phonegap
  • Enterprise Contract Projects include:

  • **International Vapor Group**, *Magento Developer / BI Developer*   *July2017 - October 2017*
    • Debug custom Magento modules
    • Installation of ELK(Elasticsearch /Logstash/ Kibana) stack
    • Import and Index Magento data

- Generate Sales/Product Marketing Reports using Elasticsearch

- **Ecklers Automotive**, *Magento Developer*   *April 2017 – June 2017*
  - Streamlined Shopping Cart and One-page Checkout for all 14 Magento Automotive Parts Sales Sites
  - Added new Onsite Pickup Shipping Method process to all sites

- ***Blues Brothers Construction***, *UI/UX Developer/Application Developer*   *May 2016 - January 2017*
  - Develop Construction based CRM system based on company processes
  - Developed custom dashboards for all internal roles for back office use

- ***Screen Graphics of Florida,*** *Webmaster*   *November 2015 - February 2016*
- Design and Develop dynamic Wordpress sites for company and its Subsidiary
- Design and Develop dynamic eCommerce sites using Wordpress and Magento
- Build and Maintain virtual LAMP(Linux/Apache/MYSQL/PHP) development environments
- Manage Web vendor contracts
- Design and Develop and Implement web media marketing strategies for retail distribution channels (ie Amazon, Fanatics, Home Depot, etc)
- Implement   and   Maintain   Social   Media   Outlets   for   company   and   Subsidiary

- **Nova Southeastern University,** *UI/UX Developer*   *September 2015 – November 2015*
  - Development of University front end redesign'

- **Enolgas USA**, *UI/UX Developer*   *August 2015 - September 2015*
  - Duties in development of front-end website as well as Javascript widgets

- **National Marine Manufacturers Association,** *UI/UX Developer*   *July 2015 – August 2015*
  - Duties include the development of UI/UX redesign Prototypes presented from the Project Architect using HTML,NodeJS ,LESS and GlupJS

- ***Nielsen Media,*** *Technical Project Manager*   *March 2015- June 2015*
  - Duties includes the managing of customer installation of mobile video ad monitoring JS apps
  - On-boarding of New Video Ad Monitoring Clients
  - Certifying Installation of Video Ad Monitoring JS Scripts

15<u>th</u> <u>Judicial Circuit of Florida</u>, West Palm Beach, FL   April 2007 - January 2015
 Court Technology, *Web Design Coordinator*
- Design, Develop, publish, and maintain the 15th Circuit Web Portal using Liferay Portal/CMS and other open source application
- Customized Themes/Templates for Liferay 6.1
- Integrated Custom PHP applications into Liferay Portal
- Setup Security Roles for Intranet /Extranet and Administrative use
- Setup and Administrator Distance Learning Module including chat features and live video streaming
- Film ,edit and burn court related videos using Final Cut Studios Pro 5.
- Developed Wireframe and Layout Prototypes for all front facing websites and web applications
- Formed user focus groups to refine design plans
- Design and print brochures, binders, signs, logos and other judicial print materials using Adobe Creative Suites
- Develop dynamic MYSQL database applications using XHTML,PHP, Javascript (JQuery,/AJAX), CSS/CSS3 (online Docket Scheduling, Conference/Training Registration, online Court Transcript Ordering and Payment systems

- Design and Develop a High Available Open Source Infrastructure for the 15th Circuit Web Portal and other web application (physical and virtual)

Palm Beach County, West Palm Beach, FL   February 2006- April 2007
Information System Services, Web Specialist
Design, create, publish, communicate and maintain all County Internet and Intranet websites using advanced technologies and methods to give users a productive, trouble free and enjoyable web experience.
- Create site code and web applications using traditional XHTML principles, PERL, java script, and cascading style sheets
- Create site graphics/multimedia files using Macromedia Flash MX, Adobe Photoshop 7.0
- Perform performance and capacity analysis and troubleshoot problems on all web Infrastructure (windows 2000 and 2003 servers)
- Optimize web server configurations as needed (IIS5.0 and IIS 6.0)
- Sites created include http://www.pbcgov.com/parks and http://www.pbcgov.com/ocr

Allstate Insurance, Northbrook, IL   June 1999 – January 2006
Performance & Capacity Planning,Senior Enterprise Server Infrastructure Engineer
Determines, plans, schedules the development, introduction, communication and maintenance of scalable, advanced technologies and methods to integrate computing infrastructure with existing systems, enabling the creation of new infrastructure capabilities.
- Create, institutionalize, and continuously improve processes for systems monitoring, performance, capacity planning, and troubleshooting.
- Oversees the engineering and implementation of the technical infrastructure which may support centralized, distributed, client-server or web-based business applications, including interfaces to databases.
- Determines hardware requirements and communication bandwidth to support projected transaction volumes and response time and system availability targets.
- Monitor, analyze, and report all Wintel (NT, Win 2000 and Win 2003), and UNIX(AIX,HP-UX, Solaris, and LINUX) servers for performance and capacity issues
- Create web-based tools to automate the collection of performance and capacity metrics for S/390, UNIX, and Wintel systems.
- Prepares activity and progress reports regarding activities of the area.
- Coordinates the activities of the area with other IT areas.
- Acts as expert technical resource to develop staff in all phases of technical infrastructure engineering.
- Gathers performance statistics to assist in determining hardware requirements and communication bandwidth to support projected transaction volumes and response time and system availability targets.
- Troubleshoot infrastructure functionality and performance issues including interfaces to databases.

Illinois Institute of Technology, Chicago, IL   September 1997 – May 1999
Computer Network Systems ,Student Network Engineer / System Administrator
- Installed Ethernet jacks as well as did network monitoring and repair
- Rewired school routers and switches to make diagnosing problems more efficient
- Served as local systems administrator supporting accounting offices
- Successfully migrated office onto MS Office product line

Allstate Insurance, Northbrook, IL   June 1998 – September 1998
Transaction Systems, *Summer Intern*
- Created web documentation of mainframe CICS systems and processes

Gateway Computers, Sioux City, SD   June 1997 – August 1998
Supply Quality Engineering,*Summer Intern*
- Help set up standard for all video components
- Ensured all systems complied with standard set by department

EDUCATION and CREDENTIALS

BS in Electrical Engineering, *Illinois Institute of Technology*, Chicago, Illinois

Certifications
- ITIL Process Improvement Certificate
- Software Training Institute's Fundamental Configuration Management Certification
- Certified Internet Webmaster (CIWa) ,July 2009

RELATED SKILLS

OperatingSystems:
Unix(HP-UX,AIX), Linux(Fedora, Unbuntu, Centos), BSD, MVS(OS/390), Sun Solaris, DOS, Mac OS X Server, MS Windows Server

Sub-Systems:
Virtualization: VMWare, Oracle Virtualbox, Docker,Vagrant
Database: MYSQL Server, MS SQL Server, HSQLDB
Web Portal: Liferay, Wordpress, Joomla, Drupal
Web/App: Apache, Tomcat, IIS, Ngnix
E-Commerce: Magento1.x, WooCommerce, JCart, CloudCraze/Salesforce
E-Learning: Moodle
Data mining/Visualization: Elasticsearch, Kibana, Logstash
Version control: GIT,SVN, Team foundation
Unit Testing: Selenium

ProgrammingLanguages:
JCL, JavaScript(ANGULARJS,JQUERY,AJAX,NodeJS,GulpJS), XHTML/HTML5, Cascading Style Sheets(CSS/CSS3),CSS Preprocessors (LESS), PHP(5/7),PHP/OOP,XML,JSP, Shell scripting, PERL5, 80x86 Assembly.

Software
Multimedia Software: Adobe Creative Suites (Photoshop, Illustrator, Dreamweaver, InDesign, Flash, After Effects, and Premier), Apple Final Cut Studios Pro,
Productivity Software: MS Office Suite, MS Viso, MS Project,
Development Software: MYSQL Workbench, PHPStorm, Sublime Text,Bracket, Notepad++, MS Visual Studios
Performance & Capacity Planning Software: Mercury Load Runner Analyzer, Hyperformix IPS Suite (Computer Systems Simulation Modeling Tool), Mercury Winrunner, CA Unicenter TNG Agent Technologies ,SAR (S/390),Fiddler, Charles
Mobile Development: Phonegap Mobile

Systems & LAN
Systems Monitoring, Systems Performance, Systems Capacity Planning, Systems Troubleshooting, UI/UX Design, Open Source Web Development, Web Administration, Portal Administration, Graphic Design, Video Production

ONLINE PORTFOLIO
Sites in which I have designed and/or developed

Enterprise work
- http://cadapps.co.palm-beach.fl.us/courtreportv3_1_1/ - 15th Circuit Court Reporting Transcript Request App(PHP5,XHTML,XML)
- http://cadapps.co.palm-beach.fl.us/dog/month.php - 15th Circuit Therapy Dog Scheduling App(PHP5,XHTML,XML)
- http://cadapps.co.palm-beach.fl.us/kiosk/ - 15th circuit Juvenile Informational Kiosk Site(XHTML)

Freelance work
- http://alexanderinsurancegroup.net – *Alexander Insurance Group*, Douglasville Georgia (single page responsive)
- http://hmglamdolls.com - *High Maintenance Glam Dolls*, Pittsburgh Pennsylvania (HTML5,PHP,JavaScript)
- http://thesilverbackgroup.co - *The Silverback Group,* Lauderdale Lakes, FL (HTML5/CSS3/PHP/Javascript)
- http://abstractlens.com - Abstract Entertainment, Chicago, IL (HTML/Javascript)
- http://devantesanchez.com - *Devante Sanchez Football Highlight* (HTML5/CSS/Javascript)

References available upon request