Benjamin Johnson

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Software Engineer

Solutions-focused, detail-oriented Dev-ops Engineer since 2011 with experiences collaborating with key stakeholders in the design, prototyping, testing, building, debugging, and fixing of software for Application and Data center operations. Proven ability to adapt with ease to changing requirements, languages and frameworks. Demonstrated track record of continuous self-improvement, through research, training and education. In-depth knowledge and experience with requirements vetting, writing design documentation, developing tests, building prototypes, facilitating user demonstrations, design, deployment and troubleshooting.

TECHNICAL PROFICIENCIES

- Linux: CentOS, Ubuntu (Design/Setup/Install/Configure/Manage)
- OKD, Openshift, Kubernetes – Design/Build/configuration/maintenance
- Docker image design/deployment
- Atlassian Suite setup/installation/upgrade/configuration/administration
- Jenkins CI/CD installation/setup/upgrade/maintenance/pipeline creation/configuration
- V-Sphere (Virtualization)
- Windows: 10, 8, 7, XP(Design/Setup/Install/Configure/Manage)
- Networking - Cisco switch maintenance
- Apache (Configuration) ⬧ Postfix (Configuration/Failover/HA)
- Salt (Automation/Configuration), Ansible
- Kanban ⬧ Git, SVN ⬧ Atlassian Suite: Confluence, Jira, Bitbucket ⬧ Gerrit
- Python: Django, Mezzaninie, Flask, PySide, Requests
- SQL: PostgreSQL, MSSQL, MySQL, MariaDB, SQLite
- JavaScript: jQuery, nodejs, Angular, Ractive, AJAX, ReactJS, VueJS
- CSS, LESS, SASS, bootstrap, patternfly
- PERL ⬧ R ⬧ Bash ⬧ Ruby ⬧ PLM/SLM ⬧ PHP ⬧ C++ (Arduino)
- Monitoring: syslog, rsyslog, Zenoss, Centreon

EXPERIENCES AND ACHIEVEMENTS

ROBERT HALF TECHNOLOGY   **Jan 2021 – Present**
    Dev-ops Engineer @ American Honda Motors
Create and maintain Jenkins CI/CD pipelines for multiple Android development teams. Configure and Manage system interoperability for execution of pipelines. Jenkins->kubernetes, OKD, bitbucket, git, AWS, Nexus.

- Converted existing pipeline to use docker containers through OKD/Kubernetes

- Design/build and deploy new OKD cluster on top of existing
    - ✓ Existing cluster was misconfigured and poorly maintained
    - ✓ Utilizing change management process
- Built and deployed Docker images
    - ✓ Custom images for lollipop and oreo android builds
    - ✓ containers for atlassian server suite including single sign on scripts
    - ✓ patching containers for log4j and other vulnerabilities

INDEPENDANT CONTRACTOR   **May 2018 – Dec 2020**
    Cargo Science
Developed API integrations for multi-national shipping company. Created dashboards and user
interaction to facilitate and track shipments across flights, parcel services and ocean containers.
- Shippo
  - ✓ Parcel purchasing and tracking.
- FlightStats API
  - ✓ Flight lookup
  - ✓ Flight tracking
  - ✓ Alert services
- Ocean Insights
  - ✓ Container tracking

Tech: Servoy, API integration/creation, Python

    LEBA Custom Designs and Lemon Bell Bakery
Design prototype circuits, models, and programs using the Arduino and Raspberry Pi platforms. Design and
modify 3D models using Autodesk TinkerCAD and Fusion360. Build and modify 3D printers. Build and
manage company website on private server using Wordpress. Administer Web and Email servers, SSL
certificates,

KROGER VIA GOLDEN TECHNOLOGIES   **Apr 2018 – Jun 2018**
Software Engineer
Designed and Built components for Kroger.com. Lead design discussions following product owner
directives. Solved bugs, maintained documentation following best practices.
- Video Component
  - ✓ Built component to allow content creators to embed Youtube and Vimeo videos in product
    pages.
- Multi-column
  - ✓ Allowed content creators to divide content into multiple columns
  - ✓ used recursion to allow sub-columns inside column division

Tech: Javascript, Node, React, Atlassian Jira, Git, scrum

TATA CONSULTANCY SERVICES   **Oct. 2016 – April 2018**
Lead UI Developer
Lead team of 7 including QA, BA, and developers to complete feature requests and bug-fixes in mobile
banking and investments application built in a custom framework based on Ractive and Angular. Work
across teams to improve the framework and plan for future sprints. Teams utilize full Agile Scrum
process with 3 week sprints, story grooming, and defect tracking through Jira.
- Contributed to the design and implementation of a navigation configuration.
  - ✓ Allow for multiple paths through application based on rules.
  - ✓ Structured in Json, using key: value, and ordered lists
- Lead working group to triage, debug, and repair defects before release

Tech: javascript, JIRA, Stash, Bitbucket, Git, node, npm, gulp, jenkins, yarn, ractive, scrum

ENCORE TECHNOLOGIES   **Apr. 2016 – Aug. 2016**
DevOps Engineer
Work with Datacenter staff to build out and develop prototype environments. Developing service
lifecycles and supporting code base for automating deployment of virtual machines. Work with internal
stakeholders to design/develop business applications.
- Designed Datacenter Access Management software
  - ✓ Tracked user/contractor access to the datacenter.

      ✓   Interface with DCIM for data storage
- ♦ Designed / Developed Expense Tracking Application
  - ✓ User interface for adding/editing/deleting expense reports and application administration
  - ✓ Interfacing with AD for user accounts, permissions, and data storage
  - ✓ Output data for Accounting and Payroll
- ♦ Built Flask API for integration with Centreon

Tech: flask, DCIM, centreon, jenkins, AD, angular, python, apache, vSphere, cloudForms, ansible, MySQL, PostgreSQL

ROBERT HALF TECHNOLOGIES-SALARIED PROFESSIONAL SERVICES   Sept. 2014 – Apr. 2016
Consultant-Salaried Professional

Meet with clients to determine their needs, developing successful solutions that lead to high levels of satisfaction. Provided solutions in networking, software, and system administration.

- ♦ Played a key role in improvement of large, complex enterprise application, resulting in redefinition of internal data structures, leading to greater efficiency and extendibility.
  - ✓ Application was written in Javascript using Java-based application framework Servoy.
  - ✓ Accepted and parsed incoming files of varying formats.
  - ✓ Inserted client data into and modified MySQL databases.
  - ✓ Developed output file digestible by client system.
- ♦ Led team of developers to automate manual Matlab process to produce reliable, accurate outcomes to be presented in custom reports.
  - ✓ Integrated multiple scripts with file based I/O using Python.
  - ✓ Produced API for initializing process using Flask.
  - ✓ Developed Leaflet map to display dynamic output data.
- ♦ Facilitated successful customer move to new version of Project and Simulation Life Cycle Management (SLM/PLM) software.
  - ✓ Planned, tracked and reported progress in Kanban.
  - ✓ Checked features and reported bugs while converting simulations to new version.
  - ✓ Rewrote configuration UIs while utilizing PySide bindings for Qt, taking advantage of available new features.

Tech: PHP, concrete5, python, flask, pyside, QT, Kanban, scrum, R, Servoy, javascript, MySQL, postgreSQL, SonicWall, plink

THE REYNOLDS & REYNOLDS COMPANY   Feb. 2011 – Sept. 2014
Full Stack Software Engineer-Project/Design Lead

Performed build out and maintenance of lab server infrastructure, including server installation, networking, OS installation, Vsphere management and software deployments. Utilized repmgr to design, set up and manage PostgreSQL clusters. Served as on-call second tier customer support and first line product support. Performed troubleshooting of legacy production and integration applications utilizing languages including PERL, PHP, Python and Javascript.

- ♦ Played a key role in the maintenance, improvement and expansion of capabilities for system of relay control and reporting applications for marketing emails, resulting in successful replacement of existing Lyris system, the ability to handle 5M+ messages daily and >99% reliability/accuracy.
  - ✓ System tracked each email to determine delivery status and report successes/bounces, generating reports based on outcomes.
  - ✓ Utilized Python, PostgreSQL, Postfix and rsyslog to determine outbound relays dynamically-based on user-defined rule sets and message header information.
  - ✓ Tracked success, failure and key statistics for each message with system controlled by web-based front end.
  - ✓ Gained key experience in scaling, error management, error reporting and building of fail-over and contingency plans.

- Designed web-based Change Tracking Application around existing manual process utilizing jQuery in front of PHP for streamlining procedures and allowing single location access to add, modify, view, review, approve and track changes to QA or production environments.
- Independently learned PERL while completing maintenance and legacy upgrade of PERL application with little documentation and assistance.
- Maintained and expanded Development Server infrastructure, including custom images, deployment scripts, physical server hardware, and wiring and configuring Cisco switches.

Tech: PHP, Python, Javascript, PERL, postgreSQL, vSphere, Cisco

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EDUCATION

Western Governors University
Bachelor of Science, Information Technology, Dec. 2013