**BRETT LOHMEIER**

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**DEVOPS / SYSTEM ENGINEER | SECRET CLEARANCE** *(Expired, Clearable)*

**Improve Software Development and Systems Infrastructure**

Seeking a datacenter technology role supporting client-server and microservices infrastructure, host/guest operating systems, and web app deployment. Team-oriented contributor with the communication skills and ability to forge business relationships with diverse backgrounds and ensure project success. Key expertise includes:

**Software Development | Operations | Project Management**

**Standard Operating Procedures (SOPs) | Customer Relationship Management (CRM)**

**IaaS | SaaS | Troubleshooting Change Management | Agile Methodologies**

**Technical Documentation | Unit Testing | Regression Testing**

**CERTIFICATIONS**

• CompTIA IT Fundamentals (CompTIA IF+), CompTIA A+, Google IT Support Professional, DevOps Engineer, Splunk Fundamentals 1 and 2

• *ACTIVELY TRAINING FOR:* Cisco Certified Networking Associate (CCNA), AWS Certified DevOps Engineer – Professional, Linux Foundation Certified System Administrator (LFCS), Certified Kubernetes Application Developer (CKAD)

**TECHNICAL SKILLS**

**Desktop Operating Systems:** Windows 7 - 10, Linux, Apple OSX

**Server Operating Systems:** Linux (e.g. RHEL), Unix, Windows Server 2012 R2, 2016 R2

**Computer Languages:** Bash (Shell), Python, Javascript, C++, C, Verilog, SQL, OpenCL

**Webservers:** Apache HTTP Server / Virtual Hosts

**Software/Tools:**  Configuration files (sh, bat, xml), Scripts, Diff, FTP, Grep, SSH, VI, VIM,

VirtualBox, VMware, Postman, Git, Flask, Jenkins, Docker, Kubernetes, CircleCI, Ansible, Prometheus, ELK, Artifactory, Kubernetes, OpenShift

**Related Tools:** Microsoft Office, Microsoft Teams, Jupyter Notebook, Notepad++, WebEx, Skype, Zoom, Jira, Confluence

**RELEVANT EXPERIENCE**

**Systems Engineer *–* CitiGroup Low Latency Infrastructure *–* Irving, TX Jan 2021 - Present**

• Certifying that software for host-FPGA interface with Intel Arria 10 GX FPGA card (i.e., Intel Acceleration Stack version 1.2.1; OpenCL 20.4) is approved and fully functional for use in Citi infrastructure.

• Certifying that quarterly RHEL kernel updates specific to Intel Acceleration Stack FPGA implementation software are approved and fully functional for use within Citi infrastructure.

• Certifying that quarterly RHEL kernel updates specific to NVIDIA GPU implementation software (e.g., CUDA) are approved and fully functional for use with NVIDIA/CUDA software in Citi infrastructure.

***Relevant Training:*** *Certified Kubernetes Application Developer, Udemy, April 2020*

**Datacenter Systems Engineer *–* VZURE Solutions Inc. *–* Frisco, TX**  **Jan - Mar 2020**

• Conducted on-site datacenter installs of software for hypervisors, storage platforms and networking.

• Developed an application program interface (API) to automate software deployment and configuration.

• Assisted with the deployment of software resources to datacenter infrastructure during installation.

• Performed the configuration necessary for newly installed resources to interface with pre-existing infrastructure.

**Systems Engineer *–* ResPay *–* Dallas, TX**  **Jul 2018 - Dec 2019**

• Provisioned Amazon Web Services (AWS) infrastructure for a web application with social networking, real-time communication, and location-based services.

• Developed AWS CloudFormation files using JSON and YAML templates to facilitate infrastructure deployment.

• Created CI/CD Pipelines to automate Blue/Green Deployment of microservice APIs to Kubernetes clusters.

***Relevant Training:*** *Cloud DevOps Engineer Nanodegree, Udacity, October 2019*

**Patent Examiner *–* US Patent and Trademark Office *–* Dallas, TX Jan 2017 - Jul 2019**

• Examined patent applications in technology areas including virtualization, network attached storage optimization, flash-based storage, flash-based memory and cache replacement algorithms.

• Awards: Early promotion to GS-11, Quarterly bonus for docket management.

**Patent Agent *–* Baker & McKenzie LLP *–* Dallas, TX** **Sept** **2015 - Nov 2016**

• Engaged in patent prosecution for clients in technology areas including web application vulnerability management, cloud-based payment platforms and secure remote browsing for enterprise.

• Assistance included supervising foreign counsel, paralegals, and administrative assistants in relation to ensuring projects were completed in a manner resulting in cost savings.

**Patent Agent *–* Senniger Powers LLP *–* Saint Louis, MO** **May-Aug 2012; Sept 2013 - Aug 2015**

• Prepared and prosecuted patent applications in technology areas including distributed process control, power supply systems and message storage and delivery systems.

• Assistance included supervising junior attorneys, paralegals, and administrative assistants in relation to completing project requirements in a manner resulting in time saved.

**MILITARY EXPERIENCE**

**Infantry Corporal *–* 3rd Battalion, 75 Ranger Regiment, US Army *–* Fort Benning, GA Jan 2002 - Jan 2005**

• Deployed to Afghanistan and Iraq - Honorable discharge (Form DD-214) available on request.

• Training: Airborne School, Ranger Indoctrination Program, Ranger School.

• Awards: Combat Infantryman Badge, Global War on Terrorism Service Medal, Iraq Campaign Medal.

**EDUCATION**

**Southern Illinois University, Carbondale, IL Jan 2008 - May 2013**

**Juris Doctorate (JD)**, 2013

• GPA: 3.35/4.00, Class Rank 25/123.

• Dean’s List Fall 2008; Law Journal Staff; Affiliations: AIPLA, AIPPI, ABA

• Awards: CALI Certificates for Torts, Civil Procedure I and Intellectual Property (highest course grade).

**Master of Science (MS)**,Electrical and Computer Engineering, 2013

**Bachelor of Science (BS)**,Electrical and Computer Engineering, 2011

**Touro University International, Cypress, CA Oct 2002 - Aug 2004**

**Master of Business Administration (MBA)**, 2004

• Concurrently completed courses while serving in the US Army.

**Iowa State University, Ames, IA Aug 1998 - Dec 2001**

**Bachelor of Science (BS)**,English, 2001