Benjamin Krueger

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EDUCATION

- **University Of Missouri St Louis** — St Louis, Missouri
  Bachelor of Science in Computer Science; GPA: 3.25 — *Aug. 2020 – Aug. 2022*

- **Missouri University Of Science and Technology** — Rolla, MO
  Bachelors of Science in Computer Science (transferred) — *Aug. 2015 – Jul. 2020*

EXPERIENCE

- **TEKSystems/Cisco** — St Louis
  DevOps Support Engineer — *October 2023 - March 2024*
  - **Engineering DevOps Support**: Worked as a support engineer for Ciscos Engineer IT DevOps service division. Supported and deployed DevOps services utilized by Ciscos engineering teams.
  - **ENGIT-BMS Support**: Supported and documented efforts to harden the build environment used by all engineering teams at Cisco. Supported automation efforts for deployment of secure build environment hosts with Ansible and puppet.
  - **CI/CD**: Supported and diagnosed issues with Jenkins pipelines, Github actions and Artifactory.
  - **Containerization**: Supported, deployed and diagnosed issues involving docker, podman and k8s for development and production.
  - **Observability**: Utilized Splunk, ElasticSearch, Kafka and filebeat to monitor and troubleshoot DevOps services. Wrote confluence documentation on implementing logging standards in the build environment.
  - **Source Control**: Supported and diagnosed issues with multiple Github Enterprise and Bitbucked hosts. Supported issues with source control plugins in CI/CD.
  - **Security Administration**: : Supported and diagnosed issues with RBAC in Jenkins, Artifactory, LDAP, Duo SSO and internal private cloud tools.

- **Accenture Federal Services** — St Louis
  Sr. Software Engineering analyst — *May 2022 - October 2023*
  - **CMS FFM**: Worked on the healthcare.gov team as a DevOps engineer.
  - **Agile DevOps**: Worked on an agile DevOps team focused on supporting developer shared services and production infrastructure across multiple environments.
  - **CI/CD**: Wrote and managed Jenkins CI/CD build pipelines. Utilized Jenkins, Nexus3 and ansible to build, package and deploy various applications and services to production, testing and internal use.
  - **Security Automation**: Developed automated vulnerability and secret scanning pipelines for source code hosted on Github enterprise.
  - **Infrastructure as Code**: Configured, deployed, and updated live AWS infrastructure running shared services utilizing Jenkins and Ansible with a GitOps workflow.
  - **Analysis**: Wrote detailed technical documents analyzing software engineering toolchains and infrastructure. Analyzed system architecture and source code to improve security.
  - **Research and Presentation**: Researched various emerging technologies and gave a weekly touchpoint presentation to encourage innovation.
  - **Github Enterprise Administration**: Github Enterprise Administrator for our internal GHE instance. Managed access controls, teams, organizations and repos. Wrote Github Enterprise reporting and automation tooling in Python and Groovy.
  - **Cross Team Collaboration**: Coordinated various infrastructure improvements and upgrades to infrastructure across development, infrastructure and security teams.

- **Omni Federal** — Remote
  Software Engineer — *August 2021 - Febuary 2022*
  - **SABER**: Collaborated on a team responsible for the development of a newly commissioned web application for use in air force strategic resource planning.
  - **SecDevOps**: Deployed applications to a secure government cloud platforms through a secure build pipeline utilizing gitops, gitlab and terraform.

- ○ **Security Auditing**: Documented application security architecture per secure platform requirements.
- ○ **Agile Web Development**: Developed features, fixed bugs, and maintained codebase in a React/Node/MySQL environment following the agile process.

- **United States Geological Survey**   Rolla, MO
  Student Software Contractor   *Jan 2020 - Jan 2021*
  - ○ **Unit Testing**: Unit tested python and c++ GIS data processing software.
  - ○ **Refactoring**: Refactored python and c++ GIS data processing software.
  - ○ **GIS**: Automated GIS data processing with GDAL.
  - ○ **Web Testing**: Wrote automated frontend tests in python utilizing Selenium.
  - ○ **Web Development**: Utilized Django, Postgres, Javascript and HTML to implement GIS specification web application.

- **Hunter Engineering**   Bridgeton, MO
  Software Engineering Intern   *Jan 2019 - Aug 2019*
  - ○ **Agile**: Collaborated with a team to following Agile development methodologies.
  - ○ **Testing**: Followed a test driven development workflow for c# microservice development.
  - ○ **Cloud**: Utilized Azure DevOps workflow to automate builds, tests, and static code analysis.
  - ○ **Development**: Implemented native libraries in c++ with c# bindings.
  - ○ **Microservices**: Helped team deliver microservice distributed system in c++ and c#.

- **Missouri University Of Science and Technology**   Rolla, MO
  IT Student Co-op   *Jun 2017 - Jan 2018*
  - ○ **Management**: Lead a team of part time student employees delegating desktop administration tasks.
  - ○ **Active Directory**: Wrote active directory group policy for desktop administration.
  - ○ **Desktop Administration**: Performed all roles related to packaging, updating and licensing desktop software.

  IT Student Employee   *Jun 2016 - Nov 2019*
  - ○ **Softare Packaging**: Developed and tested desktop software packages with Perl and System Center Configuration Manager.
  - ○ **Desktop Administration**: Provisioned and deployed desktops, virtual machines and sotware packaged with SCCM.
  - ○ **VDI Software**: Packaged desktop software for VDI streaming.
  - ○ **Troubleshooting**: Resolved various deployment and configuration issues in desktop lab environment.

CERTIFICATIONS

- **Security+**: CompTIA

- **AWS Certified Cloud Practitioner**: Amazon

PROGRAMMING SKILLS

- **Languages**: Python, C++, SQL, Java, Perl,Javascript, C#, Bash, Groovy

- **Technologies**: VMware, GDAL, Django, Postgres, Bootstrap, Linux, Docker, Jenkins, AWS, Trufflehog, Github Enterprise, ZAproxy, Ansible, Selenium, Gradle, Maven, SonarQube, Nexus