

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

- **Accenture Federal Services** St Louis
Sr. Software Engineering analyst *May 2022 - October 2023, June 2024 - Present*
 - **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.
- **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 Bitbucket 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.
- **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

- **Software Packaging:** Developed and tested desktop software packages with Perl and System Center Configuration Manager.
- **Desktop Administration:** Provisioned and deployed desktops, virtual machines and software 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