

BRIAN CERNEY

Columbus, OH | Email: brian@cerney.io | Website: briancerney.com
LinkedIn: linkedin.com/in/brian-cerney | GitHub: github.com/bcerney

Focused, flexible full stack engineer with 5+ years' experience planning, delivering, enhancing, and automating enterprise-scale software. AWS Certified, with experience in CI/CD, Cloud, Containerization, DevOps, Infrastructure as Code, and SaaS across multiple platforms and stacks. Team-oriented, T-shaped, and ready to collaborate across the SDLC. Former music teacher committed to continuing education and mentorship.

TECHNICAL TOOLS

Recent | Python, Flask, Pytest, PostgreSQL, SQLAlchemy, Go, JavaScript, REST APIs, AWS, Docker, Kubernetes, Kustomize, Helm, Terraform, Terragrunt, Vault, Linux, Bash, GitHub, Jenkins, DataDog, VS Code
Previous | Java, Spring, JUnit, Maven, Django, Angular, Ansible, OpenStack, GitLab, Argo CD, IntelliJ

EXPERIENCE

Senior Software Engineer

Jan 2021 – Present

Platform Engineering, Immuta, Columbus, OH

- Python, Flask, PostgreSQL, SQLAlchemy, JavaScript, Go, k8s, Helm, Terraform, AWS, Jenkins, DataDog
- Launched Immuta SaaS platform globally (US, EMEA, APAC), supporting 10x growth in SaaS customers
- Built asynchronous in-cluster Kubernetes agent for multi-region provisioning of SaaS instances on EKS
- Enabled master-to-production CI/CD with automated per-component upgrades of existing SaaS instances
- Integrated SaaS platform with Databricks and Snowflake partner programs for one-click free trial provisioning

DevOps Engineer

April 2020 – Jan 2021

Nimbus Services, Columbus, OH

- Python, Django, Celery, PostgreSQL, JavaScript, AWS, Terraform, Ansible, Packer, Linux, Windows, Powershell
- Full stack development of SaaS platforms providing cloud-based microelectronics design environments

Associate Consultant

Feb 2019 – April 2020

Workstate, Columbus, OH

DevOps Engineer, Cloud Services, CAS

July 2019 - April 2020

- Python, Pytest, Docker, Terraform, Ansible, Puppet, OpenStack, AWS, Linux, Bash, GitLab CI/CD, Prometheus
- Refactored OpenStack cloud provisioning CLI codebase from Bash/Ansible to Python using OpenStack SDK
- Developed secure VM image pipeline using Python and GitLab CI/CD, reducing OS vulnerabilities by 30%

Software Engineer, Solution Delivery, CAS

Feb 2019 - July 2019

- Java, Scala, Spark, Groovy, Hadoop, HDFS, Cascading, JavaScript, Docker, OpenStack, Linux, Jenkins, Gerrit
- Implemented addition of USPAT database (~10M records) to ETL pipeline supporting CAS's PatentPak product

Software Engineer

May 2017 – Feb 2019

Auto Finance IT, JPMorgan Chase & Co., Columbus, OH

- Java, Spring, JMS, Maven, JUnit, SOAP/REST, IBM MQ, RHEL7, Tomcat 7, Bitbucket, Jenkins, PCF, Splunk
 - Developed multiple Java/Spring microservices with REST/MQ APIs to enhance auto loan application workflows
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EDUCATION

AWS Certified Solutions Architect - Associate

September 2020

Tech Elevator Coding Bootcamp

Columbus, OH 2017

Java Web Development

California State University, Chico

Chico, CA 2012

B.A. in Music Industry and Technology (Audio Engineering)

B.A. in Comparative Religion

PROJECTS

[Modded.Me](#) | Collection of lifestyle gamification web apps built using Python, Django, PostgreSQL, Celery, Redis, Bootstrap, Sphinx, Docker Compose, GitLab CI/CD, and AWS (EC2, EBS, S3, SSM, EIP, Route 53)

[gtRPG](#) | Guitar practice web app built using Python, Flask, PostgreSQL, SQLAlchemy, Jinja2, and Heroku

REFERENCES

Available upon request