

Cam Bui

Fullstack Devops Engineer

Experienced software engineer with expertise in GitOps and full-stack development.

github: ncbui
linkedin: cambui
ncbui.github.io

Skills & Tooling

Platform Dev	Python, PostgreSQL, JavaScript, ReactJS, Pyspark
DevOps	Kubernetes, Infrastructure as Code (IaC), GitOps, ArgoCD, AWS
Security	Snyk, Aqua

Work

2021 - 2024	<p>Consultant Software Developer <i>Thoughtworks, Inc.</i></p> <ul style="list-style-type: none">Automated cloud infrastructure provisioning for distributed environments, enabling gitops configuration and reducing manual setup time by 50% for distributed environments.Built scalable CI/CD pipelines using ArgoCD and Kubernetes and optimized developer starter kits to reduce time-to-first-deployment for emergent teams and features.Increase deployment frequency and reduced time to troubleshoot errors by standardizing exception handling and error monitoring, while enforcing security and compliance checks. <p>Skills: Python ReactJS Kubernetes ArgoCD PySpark PostgreSQL Snyk Aqua</p>
2018 - 2020	<p>Data Entry <i>Invitae, Inc.</i></p> <ul style="list-style-type: none">Streamlined data quality checks by building reports that cross-reference databases during launch of newly-acquired products. <p>Skills: EMR Salesforce Tableau</p>
2016 - 2019	<p>Graduate Researcher <i>Action & Consciousness Lab at SFSU</i></p> <ul style="list-style-type: none">Conducted, and analyzed behavioral experiments on automatic visual and syntactic processing. https://doi.org/10.1037/cns0000208. <p>Skills: R statistical analysis</p>
2016 - 2017	<p>Health Policy Intern <i>HPW, San Francisco State University</i></p> <ul style="list-style-type: none">Conducted focus groups for the newly-built Mashouf Wellness Center (MWC) that found that students on this commuter campus overwhelmingly needed places to rest. In 2024, MWC launched the Zen Den, a free space to nap at SFSU. <p>Skills: focus groups literature review semi-structured interviews</p>

Certificates

2022	AWS Cloud Practitioner. <i>AWS</i>
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Education

2016 - 2019	Graduate coursework towards MA Social, Personality, and Affective Psychology <i>San Francisco State University</i>
2016	BSc Kinesiology, concentration in Neuromuscular Science <i>San Francisco State University</i>