

Cam Bui Platform / DevOps Engineer

Experienced software engineer with expertise in
GitOps and platform development

linkedin: cambui
github: ncbui
ncbui.github.io

Skills & Tooling

Platform	Python, React, Pyspark, Snyk, Aqua, Go(learning), AWS, Datadog
DevOps	Kubernetes, Infrastructure as Code (IaC), GitOps, ArgoCD, PostgreSQL

Work

2021 - 2024	Consultant Software Developer, Thoughtworks, Inc. Worked with cross-functional teams to build and maintain data pipelines and platforms that enable scientists, healthcare providers, and operations specialists to explore their data. <ul style="list-style-type: none">❖ Automated cloud infrastructure provisioning for distributed environments, enabling gitOps configuration, and reducing manual setup time by 70% in 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.❖ Increased deployment frequency and reduced time to resolution for errors by standardizing exception handling and error monitoring using Datadog, while enforcing security and compliance checks.
2018 - 2020	Patient Record Processing, Invitae, Inc. Processed patient health records and streamline data quality checks. <ul style="list-style-type: none">❖ Streamlined data quality checks by building Tableau reports that cross-reference Salesforce
2016 - 2019	Graduate Researcher, Action & Consciousness Lab at SFSU Conducted and analyzed behavioral experiments on automatic visual and syntactic processing using R. https://doi.org/10.1037/cns0000208 .
2016 - 2017	Health Policy Intern, HPW, San Francisco State University Conducted literature reviews and focus groups to inform health and wellness initiatives led by HPW and other units within SFSU. <ul style="list-style-type: none">❖ Conducted focus groups for the Mashouf Wellness Center (MWC) that contributed to the 2024 launch of the Zen Den, a rest space for commuter students at SFSU.❖ Conducted review of CSU and UC solutions to rising rates of student homelessness and food insecurity.

Education and Certs

2022	AWS Cloud Practitioner, AWS
2016 - 2019	Graduate coursework towards MA in Psychology, San Francisco State University
2016	BSc Kinesiology, concentration in Neuromuscular Science, San Francisco State University