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

Work

2021 - 2024 **Consultant Software Developer** *Thoughtworks, Inc.*
Worked closely with cross-functional teams to build and maintain data pipelines and platforms, that enable scientists, healthcare providers, and operations specialists to explore their data.

> 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 resolution for errors by standardizing exception handling and error monitoring, while enforcing security and compliance checks.

Skills: `Python` `ReactJS` `Kubernetes` `ArgoCD` `PySpark` `PostgreSQL` `Snyk` `Aqua`

2018 - 2020 **Data Entry** *Invitae, Inc.*
Processed patient health records and streamline data quality checks.

> Streamlined data quality checks by building reports that cross-reference databases during launch of newly-acquired products.

Skills: `EMR` `Salesforce` `Tableau`

2016 - 2019 **Graduate Researcher** *Action & Consciousness Lab at SFSU*
Conducted, and analyzed behavioral experiments on automatic visual and syntactic processing. https://doi.org/10.1037/cns0000208.

Skills: `R` `statistical analysis`

2016 - 2017 **Health Policy Intern** *HPW, San Francisco State University*
Intern in the inaugural cohort of the Health, Promotions, and Wellness unit at SFSU.

> 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.

Skills: `focus groups` `literature review` `semi-structured interviews`

Certificates

2022 AWS Cloud Practitioner. *AWS*

Education

2016 - 2019 Graduate coursework towards MA Social, Personality, and Affective Psychology
San Francisco State University

2016 BSc Kinesiology, concentration in Neuromuscular Science
San Francisco State University