Stephen Bapple

Generalist, Craftsman, Team Anchor

Denver, Colorado
(720) 319-5698
stephen.bapple@gmail.com
stephen-bapple@github.com

EXPERIENCE

Note: Career gap due to health issues, doctor's note available on request.

Inception Health (Froedtert), Milwaukee — *Senior Software Engineer*

OCT 2021 - MAY 2023

Enabled the company's app to be built and released automatically for the first time by leading teammates through building a pipeline using Github Actions, Fastlane, and AWS CDK.

Spearheaded a project to create a database-backed development system using RDS and Prisma, including new infrastructure for the database, backups, migrations, RDS Proxy, and a local development system with postgres, all fully cloud-based with automated deployment powered by AWS CDK and Github Actions.

Created and improved service design patterns, from app code to infrastructure, and repeatedly refined and iterated on designs together with senior leadership.

CyberGRX, Denver CO — *Software Engineer*

NOV 2019 - OCT 2021

Reduced my team's release-gating defects to 0 on nearly all releases by piloting and evangelizing test-driven development on the backend.

Enabled MFA in our product for the first time by learning just enough Golang, Terraform, and AWS Cognito, to use the cross-system knowledge to fix long-standing architectural issues blocking the feature's release.

Streamlined business operations by investigating, understanding, and automating user registration and account provisioning in a new microservice.

Built and conducted testing training for engineers to aid adoption of test-driven development across teams.

CyberGRX, Denver CO — *Software Test Engineer*

DEC 2018 - NOV 2019

Reduced regression testing during the release process from a 3 person x 3 day effort to a 1 person x 1 day effort by learning and expanding upon custom Python tooling, and using that to automate manual checks.

Expanded the scope of testing beyond the customer facing product by becoming the first engineer to reproduce and debug CI/CD pipeline issues, resulting in greatly expanded internal testing org-wide going forwards.

EDUCATION

Metropolitan State University of Denver — *BS*

Aug 2014 - May 2018

Computer Science & Mathematics, *Summa Cum Laude*

Soft Skills

Training & Mentoring

Helping teams jell, a catalyst

Team putty, filling in gaps & cracks in skills & process

Experimenting on & internalizing entire systems

Writing clear & comprehensive documentation

Dad joke engineering

Tech Skills

Test Driven Development

Pair Programming

Infrastructure as Code

Hexagonal Architecture

Bug diagnosis

Unit testing

Integration testing

End-to-end testing

CI/CD building & debugging

Leveraging tactical tech debt

Excalidraw modeling

LANGUAGES & TECH

Python, Git, Github Actions, Pytest, pre-commit, Bash, Javascript, Typescript, Jest, HTML/CSS, Node, GraphQL, AWS (CDK, RDS, Lambda, Dynamo, Codebuild, RDS Proxy, Cognito, Step Functions), Docker, RPC, Terraform, Jinja2, Neo4J (Cypher), Selenium, React, PostgreSQL, Starlette, Husky, Kubernetes, Prisma, RabbitMQ, Okta, Protobuf, Twirp, Redis, Golang, Buf, React Native, Kotlin