

Cameron Brill

cameronbrill.me

me@cameronbrill.me

469-401-1162

Experience

Headway *Tools Used: Python, DynamoDB, Kafka, PostgreSQL, Terraform, TypeScript, React, Sentry, Datadog* Remote
Software Engineer May 2022 – Present

- **Architected insurance benefit platform:** Built company's first core platform securely around new data model, defining standards for platform development in an extremely fast growing engineering organization.
- **Spearheaded complex data model migration:** Based off health insurance industry standard data models, migrated patient benefits from PostgreSQL to DynamoDB, greatly improving velocity for data operations.
- Led insurance benefit platform accuracy and resiliency projects, improving profit margins by **>\$750k/month**.
- Built performant **Next.js**/React systems using **React Hooks** and Context written in **TypeScript**/JavaScript.
- Improved complex PostgreSQL user search query speed by **800%**, from 4 seconds to <500 milliseconds.

Highlight *Tools Used: Go, AWS Products(ECS, EC2, S3, RDS), PostgreSQL, TypeScript, React, Datadog, Highlight* Remote
Software Engineer May 2021 – Jan 2022

- **Led Alerting Product:** Managed and developed distributed sliding-window alerting system.
- Engineered fault-tolerant and idempotent worker queue consumer using **Go** and **Postgres**.
- **Led Backend Errors Product:** Developed thread-safe, efficient *backend client* with Go and GraphQL.
- Responded to and resolved production bugs using Highlight, Datadog (Alerts, Metrics, APM), Slack bots, and Intercom.

Datadog *Tools Used: Go, Kafka, Java, TypeScript, React, Datadog* Remote
Software Engineer Intern Jan 2021 – May 2021

- Developed highly concurrent **Kafka consumer** micro-service in **Go**, deployed with **Kubernetes**

Dive Chat *Tools Used: Node.js, Go, Firebase, GCP Functions, React Native, Expo, GitHub Actions* Remote
Software Engineer Intern Aug 2020 – Dec 2020

Microsoft *Tools Used: Python, gRPC/gNMI, Telegraf, InfluxDB, Grafana* Remote
Software Engineer Intern May 2020 – Aug 2020

State Farm *Tools Used: Java, Spring Boot, GitLab CI/CD* Dallas, TX
Software Engineer Intern May 2019 – Aug 2019

Reveal Modern *Tools Used: JavaScript, Python, WordPress* Dallas, TX
Software Engineer Intern Jan 2018–Apr 2018/Dec 2018–Mar 2019

Projects

TAMUhack *Tools Used: Python, PostgreSQL, Docker, Heroku, AWS S3, Cloudflare*
– Raised \$4k in sponsorship, led and mentored 5 student developers on registration system, website, and mobile app.

Education

Texas A&M University College Station, TX
*GPA: 3.4/4.0; 2.5 years in coursework towards BS in **Computer Science*** Aug 2018 – Apr 2020

Skills & Interests

Languages Go, Python, TypeScript, Java, C++, SQL, GraphQL
SWE gRPC, DynamoDB, PostgreSQL, Redis, NodeJS, React
DevOps Docker, Docker Compose, Containers, GitHub Actions
Free-time Snowboarding, Calisthenics, Mandarin, Tea

Honors & Awards

MLH Top 50 Hacker of 2020: Top hackathon competitor out of **100,000**.
Winner of **17 hackathons**, including:
– Treehacks(Stanford) 2021
– hack.now(UC Berkeley) 2020
– HackTX(UT Austin) 2019/2020