

# Felicia Bacon

## Software Engineer

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📍 College Station, TX

### 💻 PROFESSIONAL EXPERIENCE

2022 – present  
Remote

#### **Nexus**, Co-Creator & Software Engineer [🔗](#)

An open-source tool that generates a GraphQL API from multiple data sources and deploys to AWS cloud infrastructure, abstracting away dozens of manual steps for fast setup.

- Developed a command line interface to automate GraphQL server generation, drastically reducing manual configuration (Node.js, Inquirer, Commander)
- Created a dashboard for API customization, testing, and deployment monitoring with a re-deployment notification system, hot-reloading local test server, and advanced data source configuration via GUI (React, Express, TailwindCSS)
- Resolved multi-source over-fetching and N+1 performance issues with dynamically generated custom GraphQL schema extensions and resolvers (GraphQL Mesh, YAML)
- Containerized server code for deployment to AWS cloud infrastructure and automated AWS deployment and teardown (Docker, AWS CLI, Terraform, ECR, ECS Fargate)
- Authored technical case study and led a presentation of the project to a group of 50+ attendees. Read case study: (<https://nexus-graphql.github.io/> [🔗](#))
- Collaborated with a team of 4 engineers across 3 timezones via daily standups and pair programming

2019 – present  
Remote

#### **Launch School**, Mastery-Based Core Curriculum & Capstone Program

- RequestCloud – RequestBin clone for testing webhooks (React, PM2, Digital Ocean, Nginx, PostgreSQL)
- Airline Routes – Interactive map for viewing and filtering airline routes (React, Javascript)
- Contacts – Application to add, edit, and delete contacts (Javascript, HTML, CSS)

### 🔗 SKILLS

#### **Back-end**

Node.js, Express, Ruby, Go, MongoDB, RESTful APIs, Sinatra, SQL, Postgres, Pug

#### **Front-end**

Javascript, Typescript, React, HTML/CSS, jQuery, Handlebars, GraphQL

#### **Tools**

Git/Github, Digital Ocean (VPS), AWS (EC2, Fargate, ECS, ECR), Heroku, Docker, Linux, HTTP

### 🎓 EDUCATION

2019 – 2022

#### **Software Engineering**, Launch School [🔗](#)

Multi-year, mastery-based software engineering curriculum with rigorous written assessments and live coding interviews to develop problem-solving, technical skills and speaking skills.

2012 – 2015

#### **A.A, Architecture**, San Antonio College

### 📜 CERTIFICATES

Graph Developer [🔗](#)  
Associate

Graph Developer [🔗](#)  
Professional

Learning GraphQL [🔗](#)