






Felicia Bacon

 feliciaiveliz  feliciaiveliz.github.io/  felibacon@gmail.com  College Station, Texas, USA

SUMMARY


I'm a Software Engineer based in College Station, TX. I'm the co-creator of Nexus , an open-source GraphQL tool for generating and deploying GraphQL APIs to AWS. I have experience with JavaScript/Node.js, Typescript, Go, Ruby, SQL, PostgreSQL, React, Docker and AWS. Previously I was studying to be an Architect and received my Associate of Arts in 2015.

TECHNICAL EXPERIENCE

Sep 2022 – Dec 2022

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.

- Resolved multi-source over-fetching and N+1 performance issues with dynamically generated custom GraphQL schema extensions and resolvers (GraphQL Mesh, YAML)
- Enabled the automation of GraphQL server generation by building a command line interface tool, drastically reducing manual configuration for the user (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)
- 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 remotely with a team of 4 engineers across 3 timezones via daily standups and pair programming

Jun 2019 – Dec 2022

Additional Open-Source Projects, Launch School

- 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, PostgreSQL, GraphQL

Front-end

JavaScript, TypeScript, React, jQuery, GraphQL, Handlebars.js, HTML/CSS

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 to develop critical problem-solving, technical, and speaking skills.

2015 – 2016

Construction Science & Management, University of Texas at San Antonio

2012 – 2015

Associate of Arts, Architecture, San Antonio College

- Learned the fundamentals of design, freehand drawing, graphics, technical drafting and architectural history
- Participated in several volunteer construction projects in multiple historic neighborhoods in San Antonio with San Antonio College and UTSA