Felicia Bacon

Software Engineer

✒ feliciaiveliz.github.io/   ✉ felibacon@gmail.com   ⌨ feliciaiveliz   📍 Texas, USA

💻 TECHNICAL 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.* • 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
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	**Front-end**	**Tools**
Node.js, Express, Ruby, Go, MongoDB, RESTful APIs, Sinatra, SQL, PostgreSQL	*JavaScript, TypeScript, React, jQuery, GraphQL, Handlebars.js, HTML/CSS*	*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 (11/22)*
• *Professional (12/22)*

Learning GraphQL 🔗