

Kim Ramirez

Software Engineer

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in <https://www.linkedin.com/in/kim-ramirez-196988244/> 🐙 <https://github.com/KimberlyRamirez>

🖱 <https://kimramirez.dev>

Technical Experience

Creator; Software Engineer, Nexus (nexus-graphql.github.io) 📄

2022

Nexus is an open-source framework that generates and deploys a GraphQL API from a user's existing data sources.

- Designed, prototyped, and implemented the open-source framework Nexus.
- Built a CLI for abstracting away the complexity of generating a GraphQL API Server from multiple pre-existing data sources, as well as deploying it, managing it after deployment, taring it down, and redeploying it.
- Built a GUI that is used to see information about deployed servers, edit and manage any server, and test the generated server through the GraphiQL IDE.
- Automatically containerized the generated API Server using Docker.
- Built functionality to connect multiple pre-existing data sources together that are unrelated.
- Developed Terraform configuration files to provision AWS resources, such as ECS task/definition, Fargate instance, security groups, a VPC, subnets, IAM role, and an ECR private repository.
- Developed functionality to either deploy to AWS, redeploy, or tear down an existing server with a single command.
- Authored the Nexus [case study](#) 📄, which discusses how the Nexus framework was built, its architecture, and problems that occurred while developing it.
- Collaborated with a team of remote software engineers, including daily standups and peer programming.

Software Engineer, Self-employed

2020 – 2022

Developed open-source software using Node.js, Express, JavaScript, Ruby, PostgreSQL, MongoDB, Handlebars.js, and React.

Airline Routes - An interactive SVG map for viewing and filtering airline routes built with React.

Todos - A todo tacker that is built with JavaScript/Express, HTML, CSS, Handlebars, and Node.js.

Cloudbin - A Request Bin clone that was built with JavaScript/Express, Node.js, a Postgres database, webhooks, and ngrok.

Contact Manager - This app allows you to add, delete, edit, and keep track of contacts built with Node.js, JavaScript/Express, HTML, CSS, and Handlebars.

ShoppingCart - An e-commerce app built with Node.js, JavaScript, React, HTML/CSS, MongoDB, and Docker.

Reaction - Full-stack management app inspired by Trello using React, Redux, RESTful API, and MongoDB.

Skills

Backend

Node.js, Express, Ruby, Sinatra, Go, SQL, MonogoDB, PostgreSQL, RESTful APIs, GraphQL, Webhooks,

Frontend

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

Cloud

AWS (EC2, ECS, ECR, Fargate, IAM), Heroku, Digital Ocean

Tools

Git/Github, Postman, Docker, Terraform, ngrok, Nginx

Professional Experience

Small Business Owner, WordPress Developer, Bargain Bombshells LLC.

2017 – present


Bargainbombshell.com is a website that helps people get everyday items for a reduced cost. I built/designed it, and organically built a following of over 100,000 people. Below is a list of my current responsibilities which amount to a few hours a month of work.

- Maintain website, code, and plugins
- Maintain affiliate contracts
- Oversee independent contractor's monthly payments
- Maintain social media and marketing

Education

Launch School

2020 – 2022

Mastery-based school for full-stack software engineering: prospective employers can learn more [here](#) .