

Sheila Babadi

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PROFILE

I am a full-stack software engineer currently based in Jacksonville, Florida. I'm a co-creator of Gander [🔗](#), a drop-in solution for building, configuring, and deploying automated previews of web applications on pull request. I have multiple years of experience with the Ruby and Javascript ecosystems and am comfortable with AWS, Docker, and Go.

EDUCATION

B.S. Computer Science, *University of Florida*

08/2014 – 05/2020

EXPERIENCE

Co-creator, Software Engineer, *Gander* [🔗](#)

2021

Remote

- Designed and prototyped initial Github Actions workflows to build and deploy a pre-configured review app within remote infrastructure upon pull request
- Led the design and development of AWS infrastructure to launch and orchestrate review apps using ECS and to persist data for serverless applications through EFS, resulting in a scalable and fault-tolerant solution.
- Utilized Application Load Balancer in a dedicated VPC to route traffic to ECS services and map semantically meaningful URLs to constantly-shifting IP addresses.
- Implemented CLI functionality to integrate Gander into a project, including done-for-you configuration and injection of Github workflow files that handle builds, deployments, updates, and teardowns of review apps.
- Designed and implemented the automated cleanup workflow utilizing the AWS API to simplify the user experience and prevent unnecessary billing charges.
- Wrote documentation for installation, setup, and usage to improve the developer experience of our users
- Led creation, configuration, and testing of web applications in Sinatra, Node, and Go
- Authored comprehensive technical case study [🔗](#) detailing design decisions

Computer Science Instructor, *KTBYTE* [🔗](#)

2020 – 2021

Remote

- Taught programming fundamentals and problem solving using Java in a virtual classroom
- Contributed to development of standard curriculum for intermediate computer science
- Communicated and demonstrated program value during trial classes and consultations with prospective students and parents

Software Engineer, *Self-Employed*

2018 – 2020

Remote

- RequestTub: Generate instant endpoints for receiving and analyzing webhooks. Deployed on Digital Ocean droplet behind **Nginx**. (**React**, **Node/Express**, **PostgreSQL**, **WebSockets**)
- Reaction: Trello-like collaboration app for task and project management (**React/Redux**, **Node/Express**, **MongoDB**)
- SnippetBox: Create and share short text snippets - similar to Github Gists (**Go**, **PostgreSQL**)

Software Engineering Intern (Fintech SaaS Startup), *Caretta Data* [🔗](#)

2016 – 2017

JACKSONVILLE, FL,
United States

- Extended internal data-processing APIs and backend services for parsing, search, indexing, and admin. (**Node.js**, **S3**, **TDS**)
- Built robust frontend components for filtering and displaying large amounts of financial data for client dashboard using **React**
- Scripted collection and cleaning of global financial data in multiple formats (CSV, JSON) for hedge fund clientele

SKILLS

Languages (Javascript, Ruby, Go, SQL, HTML, CSS)

Technologies (Docker, Git, Github Actions, HTTP, REST APIs, WebSockets, Cloud Native Buildpacks, PostgreSQL, MongoDB, Handlebars, ERB)

Frameworks (Express.js, React/Redux, Sinatra, Ruby on Rails, Handlebars, jQuery)

Cloud Technologies (EFS, ECS, ECR, S3, IAM, VPC, CloudFormation, ALB, EC2, CloudWatch, Heroku, Digital Ocean)