Dominick Agnello

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Skills

Programming Languages: JavaScript, Golang, Rust, Python, Java, SQL.

Notable Language Frameworks: React, NodeJS, Express, Actix, PostgreSQL.

Other Notable Skills: Git/GitHub, Unix, Linux environments, RESTful API's, Terraform.

Experience

Software Engineering Intern, team Integrations | LaunchDarkly: May 2022 – August 2022

- Developed, tested, and published production level code for LaunchDarkly's teams Terraform integration using Golang. This integration allowed LaunchDarkly users to spin up teams dynamically using the Terraform Provider and performed a company presentation on this integration.
- Built and tested a small integration update with Zapier allowing for custom JSON input for LaunchDarkly flag updates and pushed to production.
- Led a small team for a company wide hackathon developing a small prototype Discord integration with the LaunchDarkly API as an alternative to the currently implemented LaunchDarkly Slack Bot.

Front End Software Engineer | Fisher Phx: May 2019 – January 2020

- Created a simple CRUD application to facilitate office food orders using React as the frontend and implementing Firebase for the backend database management.
- Developed a side scrolling randomly ordered website using React to showcase a curated list of employee's favorite local restaurants to include in the holiday client email.

Computer Science Undergraduate Teaching Assistant | Arizona State University January 2021 –May 2022

- Hosted office hours for two or more hours per week teaching an average of 20 students per session core concepts for C, C++, Scheme, and Prolog while helping individuals with assignments and more focused questions.
- Performed midterm and final exam review sessions both via Zoom and in person. Created a presentation for core and commonly missed concepts while also focusing in on the most difficult course material.

Projects

JobieBot:

A Discord bot developed to allow users to upload pictures of their cats using the correct bot commands along with being able to request the bot post a picture from the stored database at random.

- Created this Discord bot using the official NodeJS Discord library
- Learned and implemented a MongoDB NoSQL database while leveraging Discords built in image storing CDN to create an almost free and scalable backend storage service.
- Published the code by hand using Docker and a virtual private server with intent to get a basic understanding of the "development to production" pipeline.

Education

Arizona State University. Tempe, AZ | Expected Graduation: December 2023

Pursing a bachelor's degree in Computer Science