

# Roxana Rodriguez-Becker

Software Engineer || Support Engineer

## SUMMARY

I am a Software Engineer with a background in math education and library science. I've worked with brands like General Mills, Pillsbury, and PBS Kids. In my free time, I'm the maintainer of an Open Source project that supports medically complex kids and is used by families around the world.

## EXPERIENCE

### Software Engineer & Content Creator | RodBeck Digital | Houston, Texas

January 2015 — Present

- Partnered with brands like General Mills, Pillsbury, and PBS Kids.
- Collaborated remotely on a team of 8 devs, utilizing AGILE practices, prototyping a product from scratch, daily standups, assisting senior developers with design, and communicating effectively.
- Collaborated with brands to build their homepages and web apps, by effectively utilizing Git Workflow for version control and project management.
- Received a Google Scholarship to All Things Open Fall 2024.

### Recent Projects:

#### G-Tube Feed Rate || JavaScript

I saw a need in the medical community when my son was admitted to the PICU multiple times. Night staff had trouble calculating his tube feed rate. I used my background in math education to design a web application that allows users to advocate for themselves and solve a common problem. The app. Now supports families around the world daily.

#### The Pragmatic Plumber || React, Tailwind CSS, Java(Spring Boot), PostgreSQL, AWS

Developed a specialized booking system for plumbers that addresses key industry pain points, including scheduling, inventory management, and client communication. The platform automates email notifications for both plumbers and clients, and integrates seamlessly with Google Calendar.

### Library & Information Specialist | Alief ISD | Houston, Texas

August 2017 — Present

- As the library specialist I enhanced the collection based on circulation data and collaborated on library programs that boosted circulations and overall library visits by 20%. As the campus website developer – updated website graphics, information, and layout using district wide programming. Assisted with hardware/software setup and troubleshooting.
- As the Title I Budget coordinator I managed campus budgets and campus improvement plan documentation.

### Secondary Math Teacher & Department Specialist | Alief ISD | Houston, Texas

August 2006 — December 2014

- Deconstructed complex problems to suit individual learning styles.
- Collaborated with the math team and leadership teams weekly.
- Managed teachers, organized meetings, led professional development, and have provided software training to teachers and administration.

## CONTACT

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## SKILLS

JavaScript

React

Tailwind CSS

HTML/CSS

Git

GitHub

Figma

Photoshop

Canva

English/Spanish

## EDUCATION

### The University of Texas

Psychology B.A.

### University of North Texas

Library and Information

MLIS

## APPEARANCES

[Arday Labs Podcast](#)

[THAT conference interview](#)

[THAT conference panelist](#)

[Web Dev Challenge](#)

(S2, Ep3, mid-May release)