

# MICHA BERNHARD

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## SUMMARY

Back End Developer with a passion for logic and problem solving. I am using the skills and personal development I gained from the military to excel in the Software Development field. I am skilled in both development and testing in multiple languages. I thrive in a team environment and enjoy working with others.

## SKILLS

**TECHNICAL SKILLS:** Ruby, Rails, RSpec, Capybara, SQL, PostgreSQL, HTML, CSS, Git, Github, Redis, Sidekiq

## PROJECTS

### [Puzzlrs](#) - Group

Ruby on Rails | RSpec | Redis | PostgreSQL | Sidekiq | Git/Github | Action Mailer | CircleCI

- Worked with Front End Developers to make a fully functional puzzle swapping application. Puzzles can be uploaded to a user's account and other users can see it on their homepage. Emails are automatically sent out to the owner if their puzzle is requested, and to the requester when the owner approves or declines it.

### [Komodo](#) - Group

Ruby on Rails | RSpec | PostgreSQL | HTML | Redis | Sidekiq | Twilio | Git/Github | CircleCI

- Built both the front and backend of an application that assists people struggling with substance abuse. The user is able to start a timer and if they fail to stop the timer before it expires, the app automatically sends a text message using the Twilio API to predesignated contacts.

### [Sweater Weather](#) - Solo

Ruby on Rails | RSpec | Capybara | SQL | PostgreSQL | BCrypt | VCR | Git/Github

- Programmed a fully functional/callable API that aggregates various outside APIs and combines them into useful endpoints ready to be called. These endpoints are set up to be used in a weather app with current, hourly, and daily weather data. Another endpoint will provide the ability to pick an origin and a destination and automatically get the weather of the destination when you are scheduled to arrive.

### [Black Thursday](#) - Group

Ruby | RSpec | Git | Github

- Created a program that reads data pulled from an Etsy-like store and uses that data to perform useful real world calculations.

## EMPLOYMENT

### United States Marine Corps

Heavy Equipment Engineer/Lead Dispatcher

Jan. 2017 - Dec. 2020

Okinawa, Japan and Camp Pendleton, California

Over the course of my four years in the Marine Corps I developed excellent leadership and team working skills. I lead the dispatch team and used that position to keep operations running smoothly and efficiently.

## EDUCATION

Turing School of Software and Design

Aug. 2021 - Mar. 2022

Certificate of Completion Back End Development

Used Test Driven Development to design and develop various programs and web applications

University of Pittsburgh

Sept. 2012 - Mar. 2016

Bachelors Degree Administration of Justice