

Dana Zack, BS, MPAS, PA-C • Software Engineer

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TECHNICAL SKILLS

JavaScript • React • Router • Cypress • TypeScript • Node • Express • Knex • PostgreSQL • HTML • CSS • Mocha & Chai • GitHub

PROJECTS

BarkEnd | Group Project | 70 hours | [Repo](#) | [Link](#)

Pet finding application where users can browse rescue dogs currently up for adoption

Tech stack / tools: JavaScript, React, Router, Cypress, Node, Express, Knex, PostgreSQL, AWS, HTML, CSS, Git, GitHub

- Created a PostgreSQL database hosted on AWS to which data tables were migrated and seeded using Knex.js
- Utilized Express to send/receive network requests to PostgreSQL database
- Implemented end-to-end Cypress testing of both happy and sad paths

MedPal | Solo Project | 40 hours | [Repo](#) | [Link](#)

Medication tracking application where users can search for medication generic/brand name and compile their medication list

Tech stack / tools: JavaScript, React, Router, Cypress, HTML, CSS, Git, GitHub

- Integrated asynchronous data retrieval from a public API endpoint dynamically based on user search input
- Created a clean, responsive, and accessible user interface

Rancid Tomatillos | Pair Project | 35 hours | [Repo](#) | [Link](#)

Movie browsing application where users can view a movie's details and utilize a random "Movie Picker" feature

Tech stack / tools: JavaScript, React, Router, Cypress, HTML, CSS, Git, GitHub

- Created a multi-page UX through use of Router
- Experimented with package add-ons to implement a carousel feature and YouTube video embedment
- Applied agile workflow practices via a GitHub project board to prioritize and assign tasks among team members

PROFESSIONAL EXPERIENCE

Internal Medicine Physician Assistant | *Denver Health & Inner City Health Center* | Denver, CO Sep 2021 – Jun 2023

- Provided acute and preventative health care services for adult patients
- Connected with and developed enduring empathy for diverse population groups
- Documented patient encounters via Epic and Athena EMR systems

Medical Office Scribe | *Banner Health Medical Center* | Tucson, AZ Mar 2016 – May 2018

- Transcribed 30+ patient encounters per day to enhance provider efficiency & interpersonal connection
- Documented patient encounters via Epic and Cerner EMR systems

Physical Therapy Technician | *Desert Palms Physical Therapy* | Tucson, AZ Jun 2016 – Nov 2016

- Taught and supervised clients in performing their individualized exercise plans
- Documented patient encounters via Clinicient EMR system

EDUCATION

Software Engineering Certificate | *Turing School of Software & Design* 2023 – 2024

Nationally accredited, 7-month intensive software development program

Over 1,500 hours of programming experience via solo, paired, and group projects

Master of Physician Assistant Studies | MPAS, PA-C | *University of Colorado* 2018 – 2021

27-month PA school master's program including 10 clinical medicine rotations across specialty fields

Bachelor of Science: Biology | BS | *University of Arizona* 2012 – 2016