

Reid Miller || Software Engineer

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Backend Developer with 12 years experience in emergency medicine

SUMMARY

As a software engineering student with over twelve years of experience as an Emergency Medical Technician (EMT) and four years at a meditation retreat center, I have developed exceptional interpersonal communication skills. Through my experiences in these fields, I have honed my ability to listen, collaborate, and communicate effectively with diverse groups of people in high-pressure situations. My strong communication skills, combined with my technical expertise, make me an ideal candidate for a software engineering position that requires collaboration and teamwork.

SKILLS

Front End: HTML/CSS

Back End: Ruby on Rails | GraphQL | ActiveRecord | PostgreSQL | SQLite3

Testing: TDD with RSpec | RSpec-Rails | Capybara | Orderly | Factory-bot | Faker

Development Theory: Object Oriented Programming | Model View Controller | CRUD | RESTful | SRP

Other: Git | Github/Github Projects | Github Actions | CircleCI | Faraday | Figaro | Heroku | Render | CSV | JSON | DBDiagram | Figma | Miro

Learning: R | RStudio | Python

SOFTWARE PROJECTS

Drala Mountain Center Mobile App | [Org Repo](#) | **6 Person Group Project** | **110 personal hours**

- *Tech Stack:* Ruby on Rails, PostgreSQL, React Native
- *Tools:* GraphQL, Github Actions, Expo, Github Projects, RSpec, Faraday
- Mobile meditation and video database application created in association with client [Drala Mountain Center](#).
- Created a meditation timer, program calendar, meditation stats tracker, and video database. Successfully incorporated GraphQL.

Draft Madness | [Backend Repo](#) [Frontend Repo](#) | **4 Person Group Project** | **120 personal hours**

- *Tech Stack:* Ruby on Rails, PostgreSQL, ActiveRecord
- *Tools:* Github Projects, ActionMailer, Faraday, Figaro, RSpec, Capybara, Shoulda Matchers
- NCAA Men's Basketball March Madness fantasy draft application built using an SOA structure.
- Achieved mobile compatibility

EXPERIENCE

Boulder Community Hospital | **Boulder, CO** | **Trauma Technician** | **9 months**

- Started standard and ultrasound IVs in and out of the Emergency Department (ED)
- Responded to incoming Full Trauma Team and other critical patients
- Unit Coordinator - routed emergency personnel, physician specialists and other resources through ED

Drala Mountain Center | **Red Feather Lakes, CO** | **Director of Community, Health, and Wellbeing (Rusung)** | **4 years**

- "Land Protector" - Maintained health and security of the land, staff and participants, volunteered with local fire department
- Mediated when conflicts arose, set boundaries and handled disciplinary needs
- Currently serving on the Board of Directors (2021 to present)

Apex Paramedics | **Arvada, CO** | **Shift Supervisor, Dispatcher, Emergency Medical Technician** | **2 years**

- Oversaw Advanced Life Support ambulance crews on night shift
- Answered calls and routed up to 10 ambulances appropriately depending on availability
- Maintained interagency communication with other Denver area emergency services

Lutheran Medical Center | **Rural/Metro Ambulance** | **University of Colorado Health Ambulance** | **EMT** | **5 years**

EDUCATION

Turing School of Software and Design | **Backend Software Engineer** (*pending completion Aug 2023*)

- Accredited Software Engineering Certificate

University of Colorado Boulder | **Integrative Physiology**

- Studied integrative physiology through junior year - left to join Turing School of Software and Design

AWARDS

Sheriff's Star | **Larimer County Sheriff's Office** | **December 2020**

- Received for actions performed in inclement weather while responding to a full trauma team activation/motor vehicle accident in Poudre Canyon with Poudre Canyon Fire Department and Poudre Valley Hospital Ambulance Service