

Alec Kapicak | Software Engineer

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SUMMARY

Software Engineer with a former professional background as a medical consultant for high-profile stakeholders, C-suite executives, and A-list celebrities, nearly a decade of working in emergency medicine, and an educational background in philosophy. Driven by a deep-rooted belief in the potential of technology as a force for good, I am passionate about being a lifelong learner, and have a proven track record of fostering positive team dynamics through exceptional communication and leadership. I am committed to leveraging my analytic problem solving skills, and creative mind to produce efficient code that is clean, maintainable, and scalable.

SKILLS

Languages & Frameworks: Ruby, Ruby on Rails, HTML, CSS, Hotwire, Turbo, ERB, ActiveRecord, PostgreSQL, SQL

Testing: RSpec, Pytest, WebMock, VCR, Capybara, CircleCI, GitHubActions

Tools: Render, Heroku, Postman, Sidekiq, Redis, Web Scraping, OAuth, Git, GitHub, Github Projects, Miro, Figma

Systems & Practices: Agile Development, Object-Oriented Paradigms (OOP), Test Driven Development (TDD), Unit & Integration Testing, REST APIs, Model View Controller Architecture (MVC), Service Oriented Architecture (SOA), Continuous Integration(CI)

PROJECTS

Present Ruby on Rails, RSpec, Sidekiq, Redis, Hotwire, Turbo, PostgreSQL, HTML, CSS, CircleCI, Heroku

- Live production monolithic Rails application used daily by 30 staff members to manage attendance of 200 students.
- Utilize Sidekiq and Redis to incorporate background/delayed jobs, and Rails Logger to create audit logs of changes.
- Work in agile teams and participate in agile ceremonies such as backlogs and retros.

Whether Sweater Ruby on Rails, PostgreSQL, RSpec, WebMock, VCR

- Developed a Service Oriented app that consumes multiple external APIs that allow users to plan road trips, get the current weather, and get the weather for the arrival destination at the time of arrival based on the duration of the trip.
- Designed using Test Driven Development and RESTful APIs.

Market Money Ruby on Rails, RSpec, PostgreSQL, ActiveRecord, SQL

- This project features Micro Service Architecture, built-in as well as custom error handling, and Serialized JSON responses to construct an API that exposes 11 endpoints for Farmers Markets & Vendors.
 - Consumed external API to provide information about the closest ATMs to a market.
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EXPERIENCE

Software Engineer Intern - Turing School of Software and Design (Present Application)

08/2023 - Current

- Present is a monolithic Rails application used daily by 30 staff members to manage attendance of 200 students.
- Work in agile teams and participate in agile ceremonies such as backlogs and retros.
- Utilize Sidekiq and Redis to incorporate background/delayed jobs, and Rails Logger to create audit logs of changes.
- Collaborate as well as work independently on admin and user facing features and C.R.U.D. functionality.
- Implement feedback from senior developers through PR conversations.
- Ensure code passes through all quality gates through development and production.

COVID Compliance Officer (Medical Consultant) - Touring Health (medical consultancy group)

08/2021 - 09/2022

- Clients included the Harry Styles: Love on Tour and Netflix/Katt Williams: WW3 Tour.
- Worked as a part of top level management personnel to meet all tour needs.
- Participated in daily meetings to discuss operations and logistic needs.
- Developed and executed COVID-19 safety protocols for 60-90 artists, band, film and touring crew.
- Performed 350-750 daily rapid antigen tests and genetic Polymerase Chain Reaction (PCR) tests.
- Won Concert Tour of 2022, Favorite Residency, and Tour of the Year.

Lead Emergency Department Technician - Regions Hospital

07/2017 - 09/2021

- Manage workflow operations and delegate responsibilities for 13 Emergency Department Technicians.
 - Maintain calm composure and make informed and intentional decisions under pressure to diagnose and treat patients.
 - Trained over 50 different employees in technical emergency department procedures and protocol.
 - Assist in creating a training curriculum for all new Emergency Department Technicians.
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EDUCATION

Back End Software Engineering Immersive - Turing School of Software and Design

01/2023 - 08/2023

Associate's Degree, Philosophy - Minneapolis Community and Technical College

01/2019 - 05/2021