

Kameron Kennedy, PE

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Executive Summary

Forward-thinking software engineer who is adept at learning and adapting to new environments while maintaining a positive attitude. Bringing over 7 years of diverse civil engineering and project management experience. Recognized for proactive approach, collaborative leadership style, and ability to translate complex operational concepts into tangible action plans.

Projects

FasTracks | [Repository](#) | [YouTube Demo](#) | Group Project

Project Purpose: Design and develop a web application that solves a real world problem, consumes external APIs, and allows users to authenticate with a third-party service.

- Pitched an application idea that was chosen to proceed out of 12 other pitches.
- Lead agile team to create a greenfield application in Rails to generate Spotify playlists for workouts with user input, while integrating with the Spotify API.
- Facilitated and participated in agile processes including stand-ups, sprint planning, code reviews, and retros.
- Delivered a seamless user experience using Oauth authentication, Circle CI, bootstrap and sad-pathing.

Films with Friends | [Repository](#) | Pair Project | 60 hours

- Developed a Rails application allowing users to plan and host movie viewing parties with Ruby to consume external API and link ActiveRecord objects
- Harnessed Github workflow, including branching and project boards to synergize the pair while working asynchronously.
- Presented data in HTML views while observing MVC principles.

RoadTrip | [Repository](#) | Solo Project | 45 hours

- BE application providing drive time, forecast, and restaurant recommendations to users from input on origin and destination, parsing data from 3 APIs including Yelp, WeatherAPI and MapQuest.
- Adhered to RESTful convention, Single responsibility principle, pillars of Object Oriented Programming and Test driven development (100% loc coverage).

Professional Experience

EIT II - Project Engineer

March 2020 - July 2023

Martin/Martin Consulting Engineers

Lakewood, Colorado

- Compiled technical project documents including specifications, change orders, payment applications and plans.
- Lead team efforts to deliver designs through jurisdictional approval while managing client relationships.
- Provided construction engineering services including bid solicitation, award recommendation, change order negotiation, and final acceptance.
- Designed and managed multiple-stakeholder capital improvement projects with over 100 repairs for utility owners.

Education

Turing School of Software and Design

July 2023 - March 2024

Back-end Development

Denver, Colorado (remote)

California Polytechnic State University

September 2011 - June 2015

Bachelor of Science, Civil Engineering

San Luis Obispo, California

Software Knowledge & Skills

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|-----------------------|---------------------------------|---------------------|-------------------------------------|
| • Ruby on Rails (ROR) | • RSpec | • HTML5 | • Object-Oriented Programming (OOP) |
| • PostgreSQL/ SQL | • Test-Driven Development (TDD) | • Heroku Deployment | • API production and consumption |
| • RESTful WebServices | • GitHub | • Postman | |
| • REST API | | • Circle CI | |