

Christopher J. Crane | Back End Software Engineer

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Technical Skills

- Ruby/Rails & (MVC)
- Continuous Integration
- GraphQL and GraphiQL
- HTML/CSS
- Git and GitHub
- Heroku
- Test Driven Development
- RSpec
- FactoryBot/Faker

Software Projects

Medical Information Assistant (MIA) | Group Project

- Collaborated with a team of 5 backend and 3 frontend developers, following an **Agile workflow** with daily stand-ups, sprint retrospectives, and continuous integration.
- Implemented **GraphQL** and **GraphiQL** to facilitate flexible queries of users' medical conditions and notes.
- Utilized **GitHub Actions** for continuous integration and deployment with **Heroku/GitHub**.

PantryWizard | Group Project

- Developed an application that enables users to create personalized meal plans based on their profiles.
- Implemented **Google OAuth** for secure authentication.
- Integrated **CircleCI**, and **NewRelic** for automated testing and continuous integration.
- Deployed on **Heroku** with both backend and frontend services.

Viewing Party | Group Project

- An application that allows users to schedule movie nights with other users.
- Implements **RuboCop** for code consistency, and **VCR** hooked into **Webmock** to limit API calls.
- Includes robust testing through **Rspec-Rails** with **Launchy**, **Orderly**, **Shoulda-Matchers**, and **SimpleCov**.

Select Professional Experience

Remote Licensing Instructor | Primerica (2017 - 2022)

- Taught 24-hour Colorado Life Producer Licensing classes as a life insurance licensed remote instructor.
- Analyzed trends in students' performance and used feedback to improve the curriculum and teaching methods.
- Achieved a class pass rate of 50%, receiving recognition as a 'Midwest Superstar' for this accomplishment.
- Set a company record with a 'complete to license' rate of 81%, surpassing the national average of 20%.

Outbound Sales / Project Advisor | HomeAdvisor (2016 - 2020)

- Initiated cold calls to contractors, promoting the ROI for HomeAdvisor's lead generation service.
- Created and delivered training for lead collection to the sales team.
- Transitioned to outbound customer service, conducting follow-ups with homeowners, identifying additional project needs, and generating revenue through new service requests.
- Excelled in the Elite 360 program, serving as a liaison to directly connect customers with priority contractors.

Education & Licenses

Backend Software Engineering Certificate | Turing School of Software and Design

- 7 month intensive ACCET-accredited program learning backend engineering in a collaborative environment.
- 1500 hours of programming experience over a 7-month intensive ACCET-accredited Backend Software Engineering Certificate

Facilities Maintenance Certificates and EPA License | Pikes Peak Community College

- Facilities Maintenance program with experience in sheet metal and handling refrigerant to EPA standards.