

ANTONIO KING

Software Engineer

📞 209-609-6102 | @ antonio.j.king@gmail.com | [in](#) antoniojking |  antoniojking

TECHNICAL SKILLS

Ruby | Rails | PostgreSQL | AR | RSpec | Pry | Rbenv | Rubocop | Postman | Travis CI | Circle CI
Git | GitHub | GitHub Projects | Heroku | HTML | CSS | Bootstrap | Homebrew | Bundler | Python
Django | Pyenv | Pip | Atom | Slack | Miro | MVC | OOP | CRUD | ReST | Pair Programming

PROFESSIONAL EXPERIENCE

Backend Developer/Leadership Committee Representative

Turing School of Software and Design

📅 2021 - 2021 📍 Denver, CO

- Intensive 7-month, ACCEET-accredited software development program emphasizing a rigorous, collaborative, project-based learning experience
- Dedicated 1500+ project hours demonstrating proficiency in basic Ruby programming, database-backed Rails applications, RESTful API consumption/development, continuous integration/delivery (CI/CD), test-driven-development (TDD), agile development and object-oriented design (OOD)
- Collaborated with elected leadership team to organize professional development events, setup digital workspace environments, and facilitate over 20 one-hour weekly retros for 20-30 developers
- [Societies](#): Student Leadership Committee, Rock and Pebble Mentorship Program

Staff Acoustical Engineer

Behrens and Associates, Inc - Environmental Noise Control

📅 2017 - 2020 📍 Longmont, CO

- Consulted and collaborated with team of 7 remote engineers on over 50 noise studies with 100% customer satisfaction
- Utilized 3D computer noise modeling software to process, analyze and present 5000+ hours of noise data in comprehensive technical reports
- Drafted procedures and report templates as the designated company expert for a new engineering service
- Assisted software development team with integration and design of engineering and business ops tools hosted on user interface
- Presented noise study results on behalf of the client to the Board of County Commissioners resulting in project permit approval and praise from company president

Nuclear Power Plant Operator/Work Center Supervisor






United States Navy

📅 2011 - 2017 📍 Bangor, WA

- Provided technical expertise, training and operational planning as senior electrician on team of 12 technicians
- Management of divisional work center resulted in early completion of scheduled quarterly maintenance and over \$250K in repair parts processed
- Divisional maintenance team leader known for complex, time-critical problem solving with zero safety violations
- Awarded Sailor of the Year for revival and management of the ship's acoustical monitoring and maintenance program

PROJECTS

The HeLP Network

 Group Project  16 days  BE Repo  FE Repo  Presentation

Full-stack application where helping professionals can ask questions and rate responses.

- **Tech:** Python/Django, PostgreSQL, Unittest, Django Rest Framework, Dotenv, Coverage, Heroku, Miro, GitHub Projects, Typescript, React, Cypress, Circle CI, Travis CI, Git Rebase
- **Accomplishments:** Learned python/django in 2 weeks, achieved >90% test coverage, exceeded MVP expectations
- **Challenges:** Communicating needs between FE/BE teams, utilizing git rebase, adapting to new languages/framework






Sweater Weather

 Solo Project  5 days  Repo

Backend API that integrates third-party weather, gps and imagery data for customizing a road trip app.

- **Tech:** Ruby/Rails, PostgreSQL, RSpec, TravisCI, Heroku, Shoulda-matchers, Simplecov, Rubocop, Bcrypt, FastJsonApi, Postman, Webmock, VCR, Figaro
- **Accomplishments:** Consumed 4 public APIs, built JSON responses for 5 endpoints
- **Challenges:** Architecting JSON responses, generating API keys for new users, continuous integration proficiency

Travel Buddies

 Group Project  11 days  BE Repo  FE Repo  Presentation

Full-stack application where users can plan road trips to national parks with friends.

- **Tech:** Ruby/Rails, PostgreSQL, RSpec, Capybara, Shoulda-matchers, Launchy, Orderly, Simplecov, Heroku, FastJsonApi, Rspotify, Miro, GitHub Projects, Bootstrap, TravisCI, City-state, Faker, Factorybot, Will-paginate
- **Accomplishments:** Completed all MVP expectations, implemented OAuth with Spotify, created over 20 endpoints
- **Challenges:** Mocking API calls with VCR, continuous integration proficiency, agile workflow efficiency

VOLUNTEER EXPERIENCE



Boulder Ruby Group Member

 Aug 2021 - Present  Boulder, CO

EDUCATION

Backend Engineering Program

[Turing School of Software and Design](#)

 2021 - 2021  Denver, CO

Nuclear Power Plant Qualification - Electrical Operator

[Naval Nuclear Power Training Command](#)

 2011 - 2013  Charleston, SC

Bachelor of Science, Geology/Hydrology

[University of California, Santa Barbara](#)

 2005 - 2009  Santa Barbara, CA