NIGEL AUNG-MYINT · **Back End Software Developer**

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SKILLS

- Ruby
- PostgreSQL
- CRUD
- Ruby on Rails

- SQL
- REST
- RSpec
- ActiveRecord

- TDD
- Continuous Integration
- Circle CI
- Github Actions

- Postman
- Postico
- Heroku
- Git/Github

SOFTWARE PROJECTS

StreamLined Team Project | **40** hrs | [Deployed App](#) | [Backend Service](#) | [FE Repo](#)
Tech Stack: Ruby, Ruby on Rails, RSpec, Heroku, PostgreSQL, Bootstrap
A service-oriented application that enables users to organize their movie and TV show-watching activity and view media details

- Consumed and produced REST API endpoints to aggregate and organize data for Front-End and Back-End services.
- Used Capybara, VCR, Webmock, and CircleCI to create a thorough testing suite that allowed us to review and deploy code with confidence.
- Collaborated with a **team of 7** on the planning process workflow to design the database, define project scope and MVP, solve technical and non-technical challenges, and complete the application in a **10-day sprint**

S.A.F.E.R. Kids Team Project |**80** hours| [Deployed App](#) | [Backend Service](#) | [FE Repo](#) | [Postman](#)
Tech Stack: NodeJS, Express, TypeScript, Prisma, PostgreSQL, Mocha, Chai, Postman
Worked with a 7 person combined front end/back end team to create a public API that allows users to post data and reviews of shelters for homeless LGBTQ+ youth.

- Developed backend architecture that allows for users to submit reviews for shelters.
- Implemented error handling and input validation for shelter review data.
- Implemented unit and integration testing for review functionality with 97% test coverage.
- Learned an entirely new tech stack in 3 weeks, including testing frameworks.

Enigma Solo Project |**15** hours| [Repo](#)
Tech Stack: Ruby, RSpec, SimpleCov
Pure Ruby app that emulates the encryption/decryption of the Caesar and Vigenère cipher

- Developed a Ruby app to practice object inheritance design with an emphasis on abstraction/encapsulation
- Utilized a git workflow with consistent commits and pull request structure
- **100%** Test-driven-development and Object Oriented programming.

PROFESSIONAL EXPERIENCE

Samuel V. Champion High School, **Mathematics Teacher,** Boerne, Tx   07/2020 - 08/2022

- Designed, tested, and implemented over **80** original math lesson plans
- Developed Algebra 1 students to a State Test STAAR passing rate of **95%** for **2** years
- Collaborated with professional learning communities in designing curriculum across **3** math courses
- Developed meaningful collaboration and healthy relationships between over a **100** students a year

EDUCATION |AND RELEVANT CERTIFICATIONS

Turing School of Software and Design, Denver, CO   10/2022 - 4/2023
1500 hours of programming experience over a **7**-month intensive
ACCET-accredited software development program

University of Texas San Antonio   04/2016 - 05/2019
Bachelors in Mathematics