GARRETT GREGOR SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

Software engineer with leadership skills and a growth mindset. I create tools that enhance organizational efficiency. I have traveled and worked cross-functionally, giving me a keen ability to simplify complex concepts, and communicate effectively with myriad people and perspectives.

PROJECTS

AI Project Planner | 80 Hours | [BE Repo](#) & [FE Repo](#) | [Website](#)
Role: Backend Technical Lead | Tech Stack: Python, Django, PostgreSQL, Heroku, CircleCI
- Led a team of 4 backend engineers to build an app that generates project ideas based on timeline and technologies for Turing students to use when learning how to code.
- Ideated features, refined them with the team in Github projects and prioritized a set for the MVP.
- Defined an API contract with the FE team and mocked it with Postman in order to work in parallel.
- Built API on Postgres database using TDD to verify functionality before integrating with FE.
- Integrated with OpenAI API to generate project ideas and added graceful service degradation.
- Set up a CICD pipeline using CircleCI and Heroku.

Jana Social | 80 Hours | [BE Repo](#) & [FE Repo](#)
Role: Front End Technical Lead | Tech Stack: Ruby, Rails, PostgreSQL, AWS S3, Bootstrap, Render
- Collaborated with 5 teams to create a social network for adult caregivers to connect.
- Built out basic authentication framework to store user logins in a Postgres database.
- Designed and implemented the FE experience using Bootstrap and backend schema design.
- Used [VCR](#) to automate repetitive steps and speed up testing new features.

Lunch and Learn | 40 Hours | [Repo](#)
Tech Stack: Ruby, Rails, PostgreSQL, Render
- Wrapped several 3rd party APIs to provide a simple way for users to discover and save recipes.
- Navigated extensive documentation to understand what each API could provide.
- Designed RESTful API endpoints for full CRUD functionality that adhered to [JSON:API](#) specs.

Mentoring: Boat Rental (Ruby) [Repo](#) + [Video](#) | Cabot Cove (MVC) [Repo](#) + [Video](#)
- Led workshops & one on one sessions to reinforce fundamentals with Turing students.

WORK EXPERIENCE

Backend Engineer | *The Democracy Straight Up Project, Remote*   11/23 – Present
- Utilizing Python and Django to build out BE microservices in a brownfield app with international collaborators to provide American citizens with a means to vote directly on legislation.

Director of Setting | *Bouldering Project, Remote*   06/21 – 01/23
- Managed a national program across 10 locations consisting of more than 50 routesetters.
- Developed weekly metrics to ensure a quality customer experience, resulting in an uptick of nearly 20% in average daily check-ins.

EDUCATION

Turing School of Software and Design | *ACCET Accredited BE Software Engineering Certificate* 03/23-09/23
University of Colorado at Boulder | *Bachelor of Arts in English*   09/11-05/14

SKILLS

Languages: Ruby, Python, Javascript | **Frameworks**: Ruby on Rails, Django, currently learning React | **Database**: ActiveRecord, SQL, Postgres | **Testing**: TDD (Test-Driven Development), RSpec, WebMock, VCR | **Version Control**: Git, GitHub, CircleCI | **Deployment**: Heroku, Render, AWS (Amazon Web Services) | **Methodologies**: DRY (Don't Repeat Yourself), OOP (Object-Oriented Programming), Agile, Waterfall