Greg Robertson

(415) 481-1610 | Seattle, WA | grobertson743@gmail.com

LinkedIn | GitLab

Technical Skills

PROGRAMMING | Javascript ES6, Python 3, HTML5, CSS, CI/CD, Git, Unit Testing
FRONT-END | React, Redux, Websockets, Bootstrap, DOM manipulation
BACK-END | Django, FastAPI, PostgreSQL, MongoDB, RabbitMQ
SYSTEM DESIGN | Monoliths, Microservices, Domain-driven design, Event sourcing, Docker, RESTful APIs
DEPLOYMENT | Heroku, AWS

Professional Experience

Galvanize Inc. | *Software Engineering Immersive Resident* **|** Remote   *2022 - Present*
- Contribute to campus operational needs and projects including working on production level applications that are used by thousands of students and staff.
- Teaching using a Socratic approach to guide engineers and help them develop strong problem-solving skills ensuring autonomy.
- Mentoring individuals who need support with developing research skills or problem-solving.
- Working with other SEIRs and Teachers to develop best teaching strategies.
- Assisting in trouble shooting, developing good habits as a software engineer, teaching technical concepts.

Magic Ears | *Senior English Teacher* **|** Chiang Mai, Thailand   *2018 - 2021*
- Taught over 19,000 students children ranging from 3 - 17 years old over the course of 3 years.
- Improved work efficiency and customer satisfaction through customized lesson plans.
- Promoted 3 times in the span of working at Magic Ears until I reached a Senior Position.

Application Development Experience

Galvanize SIS | *Production Level Application for Galvanize*   *August - October 2022*
- Worked on the staff-facing student details to improve the accessibility of the website .
- Worked in association with a team of developers to design and invent new ideas to increase scalability, and overall performance of the website.

Don't Kick the Bucket | *Full Stack Adventure Application*   *July - August 2022*
- Leveraged third-party APIs to develop a full stack application from the ground up.
- Managed teams agile workflow using Trello to organize and designate tasks.
- Containerized application using Docker, and configured the setup scripts. This allowed for dependencies to be separated, bugs isolated, individual ports for each container, and increased scalability.
- Utilized React Router to maintain single-page-app functionality along with Bootstrap styling the front end.
- Managed JWT tokens and CORS browser security for session based authentication.

CarCar | *Full Stack Application | Microservice Based Architecture*   *June - July 2022*
- Designed and Implemented a microservice based architecture using a Python/Django Back-End.
- Improved the rate of communication between multiple REST APIs by creating a polling system for each microservice which generated a request every 1000ms to ensure optimal data retrieval.
- Refactored class components with React Hooks to organize code to manage stateful components.

Education

Hack Reactor | Seattle, WA — *Advanced Software Engineering Immersive*   *August 2022*