

Greg Robertson

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[LinkedIn](#) | [GitLab](#)

Technical Skills

PROGRAMMING | JavaScript, Python, HTML, CSS

FRONTEND | React, Redux, Bootstrap

BACKEND | Django, FastAPI, PostgreSQL, MongoDB

SYSTEM DESIGN | Microservices, Docker, RESTful APIs, Heroku, AWS EC2, GitLab CI/CD

Professional Experience

Galvanize, Inc. | *Software Engineering Immersive Resident* 2022 - Present

- Improved team workflow by organizing reviews to identify productivity bottlenecks including Git conflicts, refactoring and integrating functional-based React components
- Mentored students using the Socratic approach to help them develop strong problem-solving skills that ensured autonomy and preparedness for the tech industry.
- Evaluate technical and interpersonal performance of students to ensure they met Galvanize's proficiency thresholds.
- Guided students in debugging and improving their code through code reviews using Slack, achieving a 95% resolution rate and resulting in improved design and architecture of their code.

Projects

Don't Kick the Bucket — *an app for users to track their adventures on their bucket list*

- Containerized application using Docker, and configured the setup scripts. This allowed for separated dependencies, isolated bugs, individualized ports for each container, and improved scalability.
- Integrated JWT tokens and CORS web security for session-based authentication to secure personally identifiable information.
- Utilized React Router to maintain SPA functionality while dynamically updating the DOM.
- Maintained Agile workflow by using Trello to organize and designate tasks throughout the development cycle.

CarCar — *vehicle inventory management software*

- Improved the rate of communication between RESTful APIs by automating a poll system for each microservice which ensured optimal data retrieval and accuracy.
- Designed and implemented a React-based microservice supported by a Django backend.
- Refactored class components with React Hooks to reuse stateful logic between components.

Leadership

Senior English Teacher | Magic Ears

Mentor | Galvanize, Inc.

Product Lead | Amazon Hackathon, HackSEA 2022

Education

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

August 2022

