

Regina Serrano

Software Engineer



Atlanta, GA

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in /rg-serrano

Professional Experience

- 02/2022 – 07/2023 **Software Engineer, BombBomb**
- Developed front end applications, RESTful APIs, and back end logic for data storage, manipulation, and retrieval.
 - Implemented unit and integration tests, performed test coverage analysis, and leveraged TDD methodologies to improve software quality and facilitate efficient bug detection and resolution.
 - Collaborated closely with cross-functional teams to gather requirements, architect software, and deliver robust solutions.
 - Designed, prototyped, and iterated on a product that generated over \$1M in the sales pipeline.
 - Fostered collaborative teamwork through Agile and Scrum methodologies, conducting effective daily stand-ups and leading retrospectives to drive collaboration and continuous improvement.
 - Refactored key classes of legacy codebase to reduce redundancies, increase testability, and enable business driven design decisions.
- 08/2021 – 01/2022 **Software Engineer, Lodge**
- Researched, designed, and built an open-source, comprehensive logging framework based on the Elastic stack.
 - Automated deployment of Elasticsearch, Logstash, Kibana nodes, and Kafka brokers across multiple availability zones in AWS.
 - Optimized clusters for fault tolerance and redundancy against traffic spikes and interruption of service.
 - Designed and built a CLI tool using Node.js to configure deployment, and published it as an NPM package.
- 04/2021 – 07/2021 **Software Engineer, Timehub**
- Designed RESTful API to fetch, aggregate, and normalize user data from third party APIs, for dynamic dashboard display.
 - Implemented authentication and authorization using signed JWTs to securely fetch user data
 - Designed and built SPA using React, Tailwind, and Chart.js.
- 03/2015 – 12/2020 **Animator, Pixar Animation Studios**
- Delivered performances grounded in knowledge of human communication, body language, and emotion, for Oscar-nominated films.

Skills

Frontend: Javascript, React (Redux, Router), Jest, TypeScript, jQuery, MVC, HTML, CSS, SCSS

Backend / Database: Node.js, Php, PHPUnit, Python, Express, NGINX, Golang, Java, RESTful API Design, PostgreSQL, Oracle, MySQL, SQLite, MongoDB

Misc: Git, Unit Testing, Integration Testing, Agile, Scrum, AWS, Elasticsearch, New Relic, Jenkins, Webpack

Education

2019 – 2022

Launch School