

GREGORIE CALDERON

LA PUENTE, CA | 562-341-1000 | CALDERON_GREGORY6112@OUTLOOK.COM

 Github/Gregorie6112

 LinkedIn/Gregorie-calderon

Full Stack Software Engineer

<https://gregorie6112.github.io>

OPEN TO REMOTE ROLE

Technical Skills

Front End: Javascript ES6+ | TypeScript | HTML | CSS | jQuery | React | Axios | Bootstrap

Back End: Node.js | Express.js | MongoDB | Mongoose | MySQL | PostgreSQL | RESTful API Development

Testing Deployment: Babel | Mocha | Jest

Developer Tools: Git | Github | Npm | Webpack | New Relic | k6 | AWS | Docker | Agile Methodology | Figma | CI / CD

Applications

- **Stock Data Visualizer** - *Figma, React, Bootstrap, Axios, JavaScript, Express, MongoDB, Node.js, Plotly*
 - ↳ Formulated the design using a prototyping tool to allow reference during component implementation.
 - ↳ Incorporated and customized plotly.js to allow visual representation of stock prices from alphavantage API.
 - ↳ Initiated a database to persist API results and allow data representation without making additional API requests.
- **Database Optimization** - *postgreSQL, Express, Node.js, React, JavaScript, Nginx, AWS, k6, New Relic*
 - ↳ Refactored Legacy code from mongoDB to postgreSQL to withstand x1000 RPS by refactoring database Queries down to 0.40ms from 4000ms.
 - ↳ Used local and cloud based stress testing software to validate the reliability and stability of my infrastructure under x1000 RPS load and Error rate under 1%.
 - ↳ Deployed 4 AWS EC2 instances to allow Horizontal scaling by using NGINX's HTTP least connect Load Balancer to distribute traffic amongst several application servers.
- **Algorithm Visualizer** - *Continuous Integration, Jest, Figma, Bootstrap, React, Javascript, Express, Node.js*
 - ↳ Incorporated continuous integration using github actions to eliminate application breaking changes
 - ↳ Implemented sorting algorithm /s to allow visual representation of JavaScript's sorting process
 - ↳ Utilized jest testing by running Javascript's algorithms to test against my algorithms to verify code accuracy
- **Synchronous Chat Application** - *React, Bootstrap, Javascript, postgreSQL, Node.js, Express, Socket.io*
 - ↳ Designed and Implemented the user interface with Bootstrap and raw CSS to accommodate a pleasant viewing experience across a wide range of viewing devices.
 - ↳ Delivered elements and components based on data from Socket.io and postgreSQL to allow real-time message viewing.
 - ↳ Researched and Designed a dark theme with raw CSS for an enhanced user experience based on popular applications in production.

Experience

- Hack Reactor - **Full Stack Software Engineer** 2020-2021
 - ↳ Managed and contributed to a team of 3 engineers to ensure high quality user applications are deployed
 - ↳ Managed workload distribution and structure to ensure consistent good performance based on career goals
 - ↳ Performed pull request analysis to reduce and eliminate bugs introduced into production
- MagicDrift Aero Dynamics - **Warehouse Worker / Driver** 2017-2020

Education

- Hack Reactor - **Advanced Software Engineer Immersive Program** 2020-2021
 - ↳ 1000+ Hours of coding combined with effective pair-programming and Agile Methodology
- Los Angeles Community College - **General Education** 2015-2016