

# Roberto Contreras

## Full Stack Developer

Torrance, CA | (424) 571-0636 | robertocontrerasdev@gmail.com  
[linkedin.com/in/roberto-contreras-882737241](https://www.linkedin.com/in/roberto-contreras-882737241)  
[github.com/robertooc](https://github.com/robertooc) | [www.robeto-contreras.com](http://www.robeto-contreras.com)

---

### TECHNICAL SKILLS

**Front End:** Javascript | HTML | CSS | React.js | TailwindCSS | Typescript | Next.js | Redux  
**Back End:** Node.js | Express.js | PostgreSQL | MongoDB | Sequelize (ORM) | Mongoose (ODM)  
**Other:** Github | Git | Heroku | Netlify | Vercel | CLI | RESTful API Development | TDD  
**Languages:** English | Spanish

---

### WORK EXPERIENCE

#### *One Community Global - Full Stack Developer | Aug 2023 - Present*

- Contributed to the improvement of website security through the implementation of backend authentication and the addition of email notifications to detect any unauthorized activities.
  - Developed a cache-clearing solution in the backend repository, reducing frontend update time from 2 minutes and 40 seconds to 8 seconds, resulting in a significant enhancement of overall system responsiveness and user experience.
  - Identified and resolved a critical bug in the frontend repository related to identical IDs shared by two child components, effectively mitigating a functionality conflict during onChange events. Implemented a solution to differentiate the IDs, ensuring each component performed its designated function without impacting system performance or functionality.
  - Proficiently utilized technologies such as MongoDB, React, Redux, Node, and Slack in the execution of assigned tasks.
- 

### PROJECTS

#### *Job Tracking Bot- Discord Bot | [Github Link](#) | [Demo GIF](#)*

- Developed and deployed a Discord bot using Discord.js on Heroku, integrating MongoDB as a NoSQL database for automated job tracking and storage of job posting information.
- Created user commands for managing job postings, including viewing, updating statuses, and adding new postings.
- Utilized the OpenAI npm package to generate personalized cover letters, dynamically tailored to specific job requirements, showcasing adaptability and efficiency in the application process.

#### *Typing Test App- Full Stack Project | [Github Link](#) | [Deployed Link](#)*

- Developed a typing test web application using React, Node.js, Express, Tailwind CSS, Victory, and TypeScript.
- Implemented an algorithm to analyze typing mistakes and provide targeted test recommendations for improvement.
- Created user accounts to store and display a comprehensive list of previous tests, including the most frequent mistakes made. Integrated visual charts to compare the progression of two selected previous tests for performance tracking.

#### *HalfBeat - Full Stack Project | [Github Link](#) | [Deployed Link](#)*

- Developed a lyrics web application using Node.js, Express, EJS, MusixMatch API, Last.fm API, and PostgreSQL.
  - Successfully combined the two unrelated APIs to work together with a high success rate of at least 90%.
  - Engineered playlist functionality, allowing users to create private or public playlists, with public playlists enabling interactions such as commenting and liking by other users.
- 

### EDUCATION

General Assembly- Full Stack Software Engineering Immersive

Nov 2022 - Feb 2023 | Remote