

# Roberto Contreras – Full Stack Developer

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## TECHNICAL SKILLS

**Front End:** Javascript | HTML | CSS | React.js | TailwindCSS | Typescript | Next.js | Redux

**Back End:** Node.js | Express.js | PostgreSQL | MongoDB | Caching / Cache

**Other:** Github | Git | Heroku | Netlify | Vercel | CLI | RESTful API Development | TDD | CI/CD | CircleCI | Agile

**Languages:** English | Spanish

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## WORK EXPERIENCE

### *One Community Global - Full Stack Developer | Aug 2023 - April 2024*

- Strengthened website security by proactively transitioning critical requests to backend, preventing potential API key exposure in client-originated HTTP requests and ensuring overall system integrity.
- Resolved backend API challenges by implementing a robust algorithm to gracefully handle duplicate data instances, ensuring improved user experience. Simultaneously, enhanced efficiency by optimizing the sorting algorithm, reducing processing time from over a minute to just under 2 seconds through timestamp-based sorting.
- Optimized system responsiveness by implementing a backend cache-clearing solution, reducing frontend update time from 3 minutes to just 8 seconds, resulting in a markedly improved user experience.
- Enhanced website security through proactive measures, including backend authentication and email notifications, facilitating early detection of unauthorized activities and ensuring a crucial layer of system protection.

### *Kang Ho Dong Baekjeong - Head Butcher | Aug 2021 - Aug 2023*

- Demonstrated rapid career progression, initially joining as an assistant butcher and promoted to Head Butcher within a year.
  - Trained and supervised a team of over 15 employees for the highly anticipated opening of a new restaurant in San Jose in August 2023, fostering a culture of teamwork and excellence.
  - Collaborated closely with chefs to cultivate employee growth, transforming teams into autonomous units resulting in faster and more efficient-paced service, contributing to increased sales and overall excellence.
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## 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, Mongodb, and TypeScript; implemented Google OAuth for secure authentication and streamlined user login experience.
- Designed and implemented an algorithm to analyze typing mistakes and provide targeted test recommendations for improvement.
- Enhanced user engagement through features such as dynamic visual charts with Victory.js for tracking progress over time, and leaderboards to display rankings and average scores among all users, fostering a competitive and interactive environment.

### *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.
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## EDUCATION

General Assembly- Full Stack Software Engineering Immersive

Nov 2022 - Feb 2023 | Remote