

Jackson Cortez

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TECHNICAL SKILLS:

• **Full Stack Developer** with experience in Next.js, React, Typescript, JavaScript, HTML, CSS, SASS, Golang, Python, Flask, REST API, GitHub, Git, and Jinja.

PROJECTS:

Willing Workers

Technologies: React, Next.js, TypeScript, JavaScript, PostgreSQL, HTML, Sass, CSS

Features:

- Dashboard with user roles for admin and moderator.
- Creation of job postings by admin and moderator.
- Creation of new admins and moderators by admin.
- Job applications are submitted online and automatically sent to hiring managers via email using SendGrid.
- Responsive design for different screen sizes.
- Interactive animations to engage users.
- Contact form for user queries.

Summary: Developed Willing Workers, a website offering comprehensive services for individuals with special needs. Implemented a career section with job postings, allowing admins and moderators to create and manage listings. Applicants can conveniently submit application forms and resume online, which are automatically sent to designated hiring managers. The website features a responsive design, interactive animations, and a contact form for user inquiries.

Demo: <https://willingworkers-web2.vercel.app>

GitHub: https://github.com/Jay23Cee/willingworkers_web2

EXPERIENCE

Field Technician

Network Ninja : October 2022 – Present

- Setting up, removing, and troubleshooting networks, hardware, and software for more than 50 businesses.

Backend Software Engineer Intern

Snap Inc : February 2021 – August 2021

- Enhanced an existing React middleware service written in Golang, providing improved functionality and user experience for over 100 employees.
- Designed and implemented a dynamic form feature within Slack for seamless Jira ticket creation, streamlining workflows across multiple teams.
- Ensured robust and reliable deployment to production through comprehensive unit and snapshot testing.
- Employed Git for version control, actively participating in code reviews and agile development processes.
- Introduced the "Slack Jira" message shortcut feature, a universally adopted solution for generating dynamic forms for Jira ticket creation, centralizing and simplifying communications.
- Spearheaded the onboarding of a new service for tracking employee expenses and invoices, utilizing Cloud Storage and Cloud SQL for reliable file backup and database storage.

- Accomplished a full-stack library project using React, Redux, and Golang, also overseeing documentation and operations tasks.
- Gained hands-on experience with unit and snapshot testing, documentation, and operations.

Special Education Assistant (Paraprofessional)

LAUSD Micheltorena Elementary: August 2012 – January 2020

- Collaborated with the classroom teacher in a special education setting, working with a diverse group of 25-30 students.

Data Scientist Intern

Los Angeles Department of Transportation: July 2019 – December 2019

- Analyzed data from over 530,000 scooters from Lime, Uber, Bird, and Lyft using React and Python, uncovering insights on scooter usage patterns and adherence to regulations.
- Created visualizations using Python libraries NumPy, Pandas, and Matplotlib, including pie charts, bar charts, and scatter plots.
- Utilized the Google Maps API to create interactive maps and report on scooter usage in real-time.
- Assisted in the creation of presentations and reports for stakeholders, including the Mayor's office, highlighting key findings and insights from the data analysis.

Computer Science Tutor

West Los Angeles College USC Upward bound/Trio: January 2018 – June 2019

- Aided over 20 college students weekly, assisting with various programming languages and topics, resulting in 90% of them achieving A grades in their classes.
- Guided 15 high school students in understanding Python programming concepts, leading to over 80% of them successfully passing their course with a B or higher.
- Conducted weekly tutoring sessions, focusing on improving students' comprehension of programming languages such as Java, JavaScript, and Python. Covered topics included syntax, variables, functions, and loops.

EDUCATION

- Bachelor of Arts in Psychology, California State University, Long Beach - June 2014
- Associates Degree in Web Support & Database Administration, West Los Angeles College, Culver City - June 2020
- Associates Degree in Computer Science Information Technology, West Los Angeles College, Culver City - December 2018
- Associates Degree in Psychology, West Los Angeles College, Culver City - June 2011

CERTIFICATES

- Certificate of Completion - LA Accelerated Program, Year Up Los Angeles, Culver City - March 2021
- Certificate of Achievement - Business Application & Database Management, West Los Angeles College, Culver City - June 2020
- Certificate of Achievement - Network and Information System Security, West Los Angeles College, Culver City - June 2020
- Certificate of Achievement - Web Support & Database Administration, West Los Angeles College, Culver City - June 2020