




# Juan Pablo Cerda

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 [github.com/MrJuanPabloTheCreator](https://github.com/MrJuanPabloTheCreator)  [juan-pablo-portfolio.vercel.app/](https://juan-pablo-portfolio.vercel.app/)

## EDUCATION

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### Missouri Valley College

Aug 2020 - May 2024

Bachelor of Science in Computer Information Systems & Minor in Business Administration.

Marshall, MO

GPA: 3.0

## EXPERIENCE

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### Missouri Valley College:

Jan 2024 – May 2024

Information Technology Frontend Developer.

Marshall, MO

- Redesigned MVC's website, preserving its traditional essence while modernizing it for a visually appealing and powerful digital presence.
- Implemented server-side rendering components using the Next.js framework to improve render time and optimize SEO performance.
- Utilized the React framework to improve interactivity and create dynamic user experiences.
- Designed custom CSS animations to ensure fluid transitions and visually captivating effects.
- Assisted in generating reports using the Argos Reporting tool and SQL queries to extract and analyze data from various institutional databases.

## PROJECTS

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### Healthcare Scheduling Web Application (Next JS, React, CSS, Typescript, MySQL, AWS RDS)



- Created a mock healthcare scheduling web application that allows users to find the perfect health specialist, check available hours to then schedule an appointment.
- Implemented precise doctor search based on the user geolocation/zip code and specialty needs.
- Designed and implemented a relational database system to efficiently manage staff, specialties, users, and appointments information, utilizing AWS RDS for secure and scalable storage solutions.
- Developed RESTful APIs to enable communication between the front-end and database, empowering users with up-to-date doctor availability information and seamless appointment booking capabilities.

### AI Article Summarizer (React, CSS, JavaScript, OpenAI API, MongoDB)



- Developed a web platform to scrape online articles and summarize their content by using the OpenAI API.
- Designed a modern user interface, ensuring simplicity for a clean and straightforward use.
- Utilized the MongoDB non-relational database to store previous searches.

## TECHNOLOGIES

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- **Programming Languages:** Python, JavaScript, TypeScript, C, C++.
- **Frontend:** HTML, CSS, Tailwind CSS, React, React Native, Next JS.
- **Backend:** Node JS, Express JS, Django, RESTful API development.
- **Database Management:** SQL (MySQL, PostgreSQL), NoSQL (MongoDB), AWS RDS, AWS S3.
- **Developer Tools:** Containerization (Docker), Version control (Git).

## ***SKILLS***

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- ***Fluent in Spanish:*** Able to communicate effectively and confidently in both written and verbal Spanish.
- ***Ability to learn:*** Methodical, patient, and resilient when it comes to learning new technologies or subjects.
- ***Self-Driven:*** Great desire to pursue personal and collective goals, and great understanding of the daily habits necessary to accomplish those goals.
- ***Team Player:*** Thrive in group settings, bringing positive energy and helping to create a productive and enjoyable working environment.