




# 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: 3.1

## EXPERIENCE

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### Missouri Valley College:

Jan 2024 - Present

Information Technology Frontend Developer

Marshall, MO

- Redesigned MVC's website, preserving its traditional style while contemporizing it for a visually appealing and modern digital presence.
- Implemented server-side rendering components using the Next.js framework to enhance render time and optimize SEO performance.
- Utilized 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 Argos Reporting tool and SQL queries to extract and analyze data from various institutional databases.

## PROJECTS

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### Online Hospital Booking Platform (React, CSS, Typescript, MySQL, AWS RDS)



- Implemented precise doctor search, allowing users to select specialties and locate nearby practitioners. Utilizing geolocation data, the system promptly matches users with nearby doctors.
- Designed and implemented a relational database system to efficiently manage data relationships and storage, utilizing AWS RDS for secure and scalable storage solutions.
- Developed RESTful APIs to communicate with the database, empowering users with up-to-date doctor availability information and seamless appointment booking capabilities.

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



- Scraped web page articles and summarized their content using the OpenAI API.
- Developed a user-friendly web application for users to input article URLs.
- Stored the extracted data in MongoDB for future reference.

## 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.