Juan Martinez
Software Engineer

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EDUCATION

Ball State University
Expected July 2025 | Muncie, Indiana | MS in Computer Science

Butler University
Indianapolis, Indiana | Web Development Bootcamp

University of Southern Indiana
Evansville, Indiana | BS in Nutrition/Dietetics

TECHNICAL SKILLS

JavaScript	Express
TypeScript	React
Java	React Native
Python	Next.js
Node.js	Jest
HTML5	Open AI API
CSS3	REST API
JQuery	Tailwind CSS
MongoDB	Prisma
MySQL	Daisy UI
AWS	Figma
OOP	Bootstrap

SOFT SKILLS
- Adaptable
- Creativity
- Empathy
- Prioritizing
- Teamwork
- Leadership
- Communication
- Agile
- Problem-solving

HOBBIES
- Gaming
- Podcast and Music
- Learning
- Exercise
- Mentoring
- Tech and Projects

PROFESSIONAL SUMMARY

Certified Software Engineer with a degree from Butler University and currently advancing my skills in Software Engineering as a Computer Science graduate student at Ball State University. Fluent in English and Spanish, I excel in collaborative environments and prioritize accountability and high-quality results. Committed to driving innovation and efficiency in technology-driven settings.

WORK EXPERIENCE

Venue Platform | *Founding Software Engineer* | Apr 2024 - Present | Contract | Remote, US

Product Development: Developing cross-platform MVP using the **MERN** stack. **Lead** of **Front-End Development**: Built responsive and secure interfaces with **React Native**, achieving pixel-perfect replication of **Figma** designs and ensuring seamless cross-platform **functionality**. **Code Quality** and **Testing**: **Maintained** clean code standards, conducted comprehensive testing, and actively participated in code reviews. **Collaboration** and **Optimization**: **Collaborated** effectively with teams to achieve objectives and optimized application **performance**.

DAuth Network Foundation | *Full Stack Engineer* | Mar 2024 - Present | Part-time | US

Efficiently collaborated with a team using **Git**, **managing merges** and **conflicts** to maintain codebase **integrity** through **strategic** branch **management**. **Fused** stunning design with robust backend functionality to create unmatched user experiences. **Leveraged** performance metrics to strategically boost software **efficiency** and sharpen **decision**-**making**.

Freelance | *Full Stack Engineer* | Oct 2022 – Mar 2024 | Remote, US

Directed an iterative development process, engaging clients for **feedback** through review cycles. Elevated user experience by **exceeding** client goals, achieving a minimum **20% enhancement** in usability and engagement for site visitors, reflecting a commitment to precise, user-centric design principles. Enhanced **productivity** by over **50%** through strategic use of **GitHub Copilot** in development workflows.

PROJECTS

DIET TALK | LIVE – https://diettalk.fit | Private Repository | Video Demo

Product Lead, Diet Talk: Pioneered Diet Talk, integrating **AI personalization** with community features like secure messaging, posting, and commenting to enhance health engagement. **AI and Community Development**: Developed AI-driven advice, integrated community tools, and implemented privacy controls to elevate the digital wellness experience. **Project Leadership**: Led Diet Talk from concept to launch, demonstrating **technical innovation**, a community-centric approach, and rapid execution in health technology. **Technologies Used**: MERN stack, Bootstrap, JS, CSS, REST API, React Hot Toast, and OpenAI API.

GPT TOURISM | LIVE - https://full-stack-tourismgpt-next-js.vercel.app/ | Repository

Directed end-to-end development of Tourism GPT, showcasing strong **ownership** and **project management skills**. Seamlessly integrated **Open Ai's** advanced language model. Crafted tailored prompts for Open AI, generating captivating narratives and personalized tourism recommendations, **boosting** user engagement. **Technologies used:** Next.js, Prisma, Clerk Auth, Open AI API, Unsplash API, Tailwind CSS, Daisy UI, and Dark/Light themes.