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ADAM CASTRO

WEB DEVELOPER

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PROFESSIONAL SUMMARY

My journey into the dynamic world of web and mobile technology began with coding on social platforms during my formative years. This early introduction ignited a lifelong passion for technology, a flame that truly found its fuel at the University of the Incarnate Word. My time here has not only been a professional leap, but a testament to my ability to exceed expectations and innovate. Alongside my technological pursuits, I have honed my expertise in various AI technologies, actively using tools like OpenAI models and AI integrations in applications such as GitHub, Canva, Microsoft Office. This has become a pivotal part of my daily workflow, enhancing both productivity and innovation.

As a devoted husband and proud father to a 4-month-old, I balance family life with professional ambition, broadening my perspective and enhancing my creativity and problem-solving skills. My technical arsenal is extensive, including Javascript, FileZilla, Cascade CMS, React, XML, JSON, Express, AWS Lambda, Git, Microsoft Azure, Algolia, Ellucian Experience SDK, MaterialUI, Bootstrap, SiteImprove, Lighthouse, NodeJS, GraphQL, Canva, Photoshop, Insomnia, OpenAI, and Bard.

Technology, for me, is more than just a collection of tools; it's an avenue to create impactful solutions. Collaboration is a cornerstone of my approach, where every voice is valued. The collective creativity we can harness in these moments is nothing short of extraordinary.

EMPLOYMENT HISTORY

JUL 2022 - PRESENT

Web Developer, University of the Incarnate Word, San Antonio, Texas

- Recruited and led a team of interns and work-study students for the UIW Web/Mobile Team.
- Mentored new hires, teaching CMS and best practices, and provided support in debugging and problem-solving.
- Utilized React and the Ellucian Experience SDK extensively to build custom cards, enriching the user experience with innovative and tailored features.
- Developed and launched custom front-end solutions, including multi-filters for employee websites and dynamic CMS headers inspired by Amazon's design (see https://www.uiw.edu).
- Created extensions, built CMS pages from scratch.
- Created redirects using FTP (FileZilla).
- Utilized structured Git commands for efficient version control and documentation.
- Participated in the Ellucian Experience Live conference in NOLA, representing UIW IT Department.
- Independently learned AWS Lambda, Microsoft Azure, Experience SDK, and later teaching this to new hires, showcasing self-initiative and leadership in knowledge sharing.
- Tested API calls using Insomnia, ensuring robust and reliable system integrations.
- Regularly incorporated cutting-edge AI tools such as OpenAI and Bard into our workflows, harnessing their capabilities for enhanced productivity and innovation.
- Collaborate with cross-functional teams to design and develop innovative web solutions that enhance the user experience for students, faculty, and staff at the University of the Incarnate Word.
- Assisted faculty and staff with timely and efficient website edits and requests, ensuring adherence to University of the Incarnate Word's regulations and guidelines, and providing exceptional customer service.
- Mastered the following: Cascade CMS, Javascript, XML, JSON, Ellucian Experience Dashboard, Insomnia, SiteImprove, FileZilla, AWS Lambda, Microsoft Azure, Ellucian Experience SDK, React, GraphQL, and Algolia.

OCT 2016 - JUL 2022

Senior Technical Support Specialist, Medtronic Diabetes, San Antonio

- Played a pivotal role in establishing the Canada branch of Medtronic Diabetes - Technical Support, collaborating with leadership team members from the Texas branch.
- Contributed to strategic planning and execution of branch development, ensuring alignment with company objectives and standards.
- Assisted the Training Team in the onboarding process, effectively educating new patients on the technology.
- Developed training materials and strategies to enhance user understanding and adoption of medical technologies.
- Acted as an advocate for the Clinical Trials Team, providing essential support to patients using technology in clinical trials and not yet released to the general public.
- Ensured patient safety and satisfaction by delivering knowledgeable support and addressing concerns during trial phases.

EMPLOYMENT HISTORY

JUN 2013 - NOV 2016

Orchestra - Saxophonist, Carnival Cruise Lines, Miami, Florida

- Provided world class entertainment such as Las Vegas style shows, pop/ jazz music sets, and variety shows for thousands of guests daily.
- Hosted, featured and opened for fly-on acts which include The Whispers, REO Speedwagon, Chaka Kahn, Journey, and Gerald Albright.
- Coordinated with the bridge and Captain in executing an emergency protocol ensuring all guests obtain the proper safety assistance when needed.
- Collaborate with the Cruise Director to develop and execute themed musical events and performances that enhance the guest experience and create a lively and engaging atmosphere onboard the ship.

EDUCATION

OCT 2022 - APR 2023

Full Stack Development- Professional Certificate, The University of Texas At San Antonio, San Antonio, Texas

Intensive program focused on comprehensive full-stack development skills, including the MERN stack (MongoDB, Express.js, React, Node.js) and MySQL for robust backend solutions. Covered a broad range of technologies such as HTML5, CSS3, JavaScript, along with various frameworks and libraries essential for modern web development. The curriculum placed a strong emphasis on both front-end and back-end development, ensuring a well-rounded understanding of the full software development lifecycle. Hands-on learning through projects was a key aspect, culminating in a portfolio of functional web applications that demonstrate comprehensive skills in creating dynamic, data-driven web applications from the ground up.

AUG 2008 - MAY 2013

Bachelor of Music - Jazz Studies, University of North Texas, Denton, Texas

Gained a rich foundation in jazz through a curriculum blending performance, history, theory, and composition at one of the nation's leading music schools. Excelled in diverse jazz styles, honed improvisation and arrangement skills, and participated in acclaimed ensembles. Benefited from master classes with renowned artists, alongside comprehensive coursework in music theory, ear training, and music business, preparing for a dynamic career in the music industry.

SKILLS

GitHub	Canva
Microsoft Office	AI technologies
React	XML
Express	Algolia
Microsoft Azure	Git
AWS Lambda	FileZilla
Cascade CMS	Javascript
Bootstrap	MaterialUI
Ellucian Experience SDK	JSON
NodeJS	GraphQL
Insomnia	Photoshop
Bard	SiteImprove
OpenAI	