Rodolfo Sandoval

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Links: Website | LinkedIn | Github | ArtStation

Experienced IT Specialist with a proven track record of successfully managing and optimizing complex IT systems. Adept at troubleshooting, implementing innovative solutions, and ensuring seamless network operations. Strong expertise in network administration, cybersecurity, and hardware/software management.

Experienced Front-End Developer proficient in cloud, web, and mobile app development, versed in multiple programming languages, frameworks, and tools. Proven ability to collaborate effectively with cross-functional teams to deliver top-tier software solutions.

Education

Bachelor of Science, Computer Science | May 2023
California State University, Long Beach | GPA: 3.5
Organizations: Association for Computing Machinery (President, Vice President, Media Design), Student Advisory CS, Cybersecurity, WiC

Associate in Arts, Natural Science | May 2019
Cerritos College, CA | GPA: 3.1
Organizations: Phi Theta Kappa Honor Society

Skills

Fields: Front-End, Back-End, Mobile Development, Databases, Information Technology, Cybersecurity, Hardware, Cloud Ops
Languages: C, C++, C#, Java, Python, Ruby, AHK, HTML, CSS, Javascript, Typescript, SQL
Frameworks: .NET, Node.js, Next.js, React, React Native, Vue, Nuxt.js
Platforms: Amazon Web Services, Google Cloud, Docker, Firebase, MongoDB, Linux, Windows
Software: Visual Studio, Visual Studio Code, Adobe Suite, Jetbrains Suite, Git, Radiant, Figma

Experience

New Life & Lily ADHC | Information Technology Specialist | *Anaheim, CA* | **Jan 2019 - Present**
- Implemented a highly efficient and automated backup and synchronization system with military-grade encryption protocols, seamlessly ensuring data redundancy and integrity across multiple platforms ensuring no data loss risk.
- Proactively managed hardware inventory and diligently maintained modernization standards, resulting in a faster and more efficient work processes, ensuring that all staff had access to up-to-date technology which improved productivity and reduced potential downtime.
- Engineered a fast and reliable network infrastructure optimizing network configurations, upgrading hardware components and implemented quality of service protocols that resulted in a network with low latency and high bandwidth allowing operations to work seamless.
- Implemented robust error handling and system integration mechanisms to proactively identify and address potential issues.

Master PC Builder | Co-Founder & Advanced Systems Architect | *Lakewood, CA* | **May 2019 - Present**
- Delivering tailored and personalized computing solutions for diverse clients, leveraging vast knowledge of hardware components, software compatibility and client requirements resulting in high-performance and reliable computers.
- Offer comprehensive technical support to a diverse clientele, troubleshooting hardware and software issues with efficiency and precision
- Demonstrated exceptional problem-solving skills, effectively resolving client concerns and ensuring optimal system functionality resulting in high client satisfaction and retention.

Dataniz | Lead Front-End Developer | *Long Beach, CA* | **January 2023 – May 2023**
Dataniz is a website that allows users to generate and test data for internet-of-things (IoT) sensors.
- Collaborated with a small team under the mentor-ship of a distinguished professor and seasoned Boeing senior engineer, contributing to an external project that subsequently served as the foundation for a class project within the academic curriculum.
- Crafted an intuitive layout that seamlessly translated complex information into a user-friendly design, ensuring an effortless and comprehensible user experience that resulted in higher user satisfaction.
- Instrumental in developing a Middle-End integration with REST API, considering performance, efficiency, security and cost.

- Engineered an interactive user-guidance system, intuitively leading users through complex processes with a step-by-step instructions while being user friendly streamlining operations reducing errors, and ensuring a smooth and efficient user experience.

Down Groups | Design Director & Front-End | *Long Beach, CA* | **September 2021 – January 2022**
Down was a start-up designed to connect users with local events and facilitate interactions between attendees.
- Spearheaded a high-performing design team, providing leadership, mentor-ship, and guidance to consistently product innovative designs for our mobile app.
- Played an instrumental part of collaborating with the marketing team to create a visually compelling and impactful campaign resulting in a measurable increase in brand visibility and growth in customer engagement.
- Developed and executed comprehensive design strategies, aligning user-centric design principles with business objectives, resulting in an increase of user engagement and app retention.
- Developed a visually captivating website to effectively market our mobile app doubling the traffic and creating a user-friendly online presence that highlighted key app features and benefits.

Down Groups | Lead Designer | *Long Beach, CA* | **April 2020 – December 2020**
- Vital role in the creation of a stunning, user-centric UI designs that resulted in a smoother experience with users, increased retention and positive feedback.
- Orchestrated seamless collaboration between design, development, and product management teams, ensuring the successful integration of concepts into the development process and accelerating deployment.
- Managed design project budgets efficiently, optimizing resource allocation and reducing project cost without compromising on quality

Shipmates | Tech Support & Chef | *Cerritos, CA* | **February 2014 – May 2015**
- Delivered expert technical support and solutions to a busy bar and restaurant establishment, ensuring seamless operation of point-of-sale systems, network infrastructure and digital signage, enhancing customer service.
- Proficient in a wide range of cuisines and cooking techniques, consistently producing delectable dishes that exceed customer expectations.

Projects

FooDood | foodood.dev | *React Native, Python, Java* | **August 2022 – May 2023**
FooDood is a mobile application that combines the concept of Tinder-swiping with selecting something to eat.
- Featured and nominated for an award at California State University, Long Beach's 2023 Senior Design Expo.
- Collaborated within a 4-member student team, implementing the Agile Scrum methodology to enhance efficiency and coordination in our project work-flow.
- Architected the Front-End development of a mobile app which redefines decisions making in the world of food by integrating a Tinder-like swiping mechanism with food selection transforming the concept of dining choices.

Apex Studios | apexstudios.dev | *React, Next.js, Figma, Adobe* | **March 2020 – Present**
Group dedicated to creating popular Minecraft mods that redefine the game with imaginative and immersive experience, capturing the imagination of millions of players worldwide.
- Developed a visually engaging and user-friendly website to showcase a portfolio of work, effectively highlighting the creative achievements of attracting new users and opportunities.
- Established a comprehensive component library in React, streamlining the development process and ensuring a consistent design and functionality.
- Produced captivation and innovative design, resulting in visually stunning and engaging visuals that aligned seamlessly with the creative vision.

CSULB Orgs Websites | [ACM](ACM) BeachHacks HacktoberFest MarinaHacks | *React...* | **March 2021 – May 2023**
Developed Multiple Website at my time at California State University of Long Beach for clubs and organizations.
- Leveraged React to proficiently develop dynamic and interactive websites, harnessing the power of this popular JavaScript and Typescript libraries to create highly responsive, engaging, and user-friendly online experiences.
- Guided and Mentored teams in the development of websites using React, fostering collaboration, and leveraging the strengths of team members to deliver high quality, cutting-edge web solutions.

File, Back-up, and Sync | *Bash, Python, RoboCopy* | **March 2021 - May 2023**
An in house solutions that combines top-tier encryption and seamless synchronization, ensuring both data security and accessibility across devices.
- Spearheaded the design and deployment of a comprehensive file backup and sync system, utilizing cutting-edge encryption technologies to fortify data security while seamlessly synchronizing critical files across the organization, resulting in heightened data protection and accessibility.
- Developed systems in place for potential errors and easy conflict resolution.

Other

Association for Computing Machinery | President 2023, Vice President 2022, Design 2021
*The Association for Computing Machinery (ACM) is a Student-Run, Professional Computer Science Organization at CSULB. We are a group of students who are passionate about computer science and the technology that we use to solve problem*s.

Phi Theta Kappa Honor Society | Member since January 2018
Phi Theta Kappa Honor Society has helps millions of high-achieving college students reach their full potential.

Spanish Speaking Certification | Certified since 2015
Native Spanish Speaker, taken multiple courses for full certification, achieved an AP score of 4.