

RICARDO ZAVALA

Henderson, NV | m: 702.541.5376 | zavala.ricardo.m@gmail.com | [LinkedIn](#)

PROFESSIONAL PROFILE

Results-driven, accomplished Native Mobile Engineer highly regarded for developing applications which meet and exceed demanding corporate and client requirements. Sought for superb analytical skills, with the ability to solve challenging problems using a combination of industry standards and cutting-edge technologies, delivering clean, well-structured code. Skillset to work compatibly with clients to understand requirements and develop products that exceed quality expectations with on-time delivery. Strong team leadership skills and Agile methodology knowledge with experience working with and leading individuals from diverse backgrounds.

CORE COMPETENCIES

- | | | |
|----------------------------------|----------------------------------|------------------------|
| • Full Stack Design/ Engineering | • Architecture Design/Deployment | • Standards Compliance |
| • DevOps Implementation | • Requirements Gathering | • Conflict Resolution |
| • SaaS Development | • Agile Methodologies | • Critical Thinking |
| • Process Optimization | • Client Engagement | • Troubleshooting |

EXPERIENCE AND IMPACT

ACCENTURE FEDERAL SERVICES, WASHINGTON DC, APRIL 2022 TO PRESENT

FRONTEND TECH LEAD

- Demonstrate software engineering expertise while leading a large-scale federal project to optimize the USPS Click-N-Ship platform with a concentration on user-centric Android development.
- Create and implement pixel-perfect designs across the platform, guaranteeing the highest level of responsiveness and in accordance with WCAG 2.1 accessibility standards.
- Enable full scaling of the platform, executing successful load tests with 4.5 million users without overloading microservices.
- Originate, configure, and deploy a state-of-the-art real-time notification system using NodeJS to develop a real-time notification system to facilitate immediate user updates for order tracking, system alerts, and live customer service interactions.
- Diminished server response time by 21% reduction, which led to an enhanced user experience across the board, optimized for React Native's pagination and lazy loading
- Leveraged AWS Lambda and API Gateway to create serverless microservices for efficient, on-demand backend processing, reducing costs by 30%.
- Review and provide feedback on code and design and collaborate with cross-functional teams to align development with business goals.
- Ensure that the team adheres to modern development practices and effectively utilizes tools to achieve optimal performance.
- Remain up to date with emerging technologies and introduce innovative solutions to enhance web applications continually.

CIGNA, BLOOMFIELD, CT, JANUARY 2022 TO APRIL 2022

SENIOR FULL STACK ENGINEER

- Led the development of a mobile-first feature for Cigna's customer portal, leveraging React Native to deliver a consistent user experience across devices.
- Implemented plans for a data management refactoring which involved constructing a unified enterprise

data warehouse with seamless info-flow.

- Amplified the potential of the AWS suite for the purpose of building robust and cost-efficient cloud-based services. Optimized cloud infrastructure by deploying AWS Elastic Beanstalk for automated scaling and load balancing, resulting in a 30% reduction in operational costs and a 40% improvement in deployment efficiency.
- Attained a 22% faster query response time by streamlining data processing and received positive feedback from business analysts.
- Diminished time-to-market for new features by 15% due to the new process while maintaining adherence to the company's data governance and compliance requirements.
- Collaborated with the software development team to define project scope and scale and designed software system architecture.
- Designed and implemented a real estate management dashboard using React, enabling the client to monitor and schedule property maintenance tasks, rental contracts, and financial forecasts

TOUCHTO, AUSTIN, TX, OCTOBER 2021 TO FEBRUARY 2022

REACT DEVELOPER

- Headed the development and integration of internal communication and scheduling tools for a high-profile, confidential client, maintaining full security and discretion throughout the project lifecycle.
- Deployed features to enable real-time data visualization and communication pertaining to national defense strategies, enhancing decision-making and response capabilities.
- Architected and deployed a real estate investment tracking feature in the mobile app, allowing users to monitor their property investments and returns through real-time data integration from multiple third-party real estate services, and implemented real-time geolocation for users in order to keep tracking of arrival times

ZAPPOS, LAS VEGAS, NV, OCTOBER 2018 TO AUGUST 2021

ASSOCIATE LEVEL FULLSTACK DEVELOPER

- Contributed extensively to an iterative UI development for the e-commerce platform, including scoping, front-end design, and delivery, in an Agile environment with adaptability to changing requirements.
- Devised and executed cutting-edge solutions for the deployment of Azure cloud-based solutions, achieving a 40% increase in platform scalability and a 35% enhancement in system security.
- Realized a more resilient and flexible cloud architecture which enabled the platform to handle increased traffic volumes during peak shopping seasons.
- Developed and instituted performance optimization techniques, including lazy loading, code splitting, and caching strategies, to improve site speed and overall user experience.

VEGAS.COM, LAS VEGAS, NV, NOVEMBER 2016 TO DECEMBER 2017

WEB DEVELOPMENT INTERN

- Participated actively in the build of a Java-based booking platform for customer-facing E-commerce web sites in the travel and entertainment sector.
- Supported the organization's transfer towards a micro-services architecture on backend in addition to search engine optimization.

TECHNICAL EXPERTISE

- JavaScript
- Typescript
- ReactJS
- React Native
- Expo and Expo Go
- React Native CLI
- C#/.NET
- Python
- Golang
- Java
- NodeJS
- Kotlin/Android
- Swift/iOS
- AWS DynamoDB
- Azure Cloud Services
- GraphQL
- Redis
- Angular
- Websockets/RTC
- Database Management
- Geolocation
- Docker
- Jenkins
- Terraform
- Ansible
- Kubernetes

EDUCATION

Bachelor of Science, Computer Science, 2018

University of Nevada-Las Vegas, Las Vegas, NV

PROFESSIONAL AFFILIATIONS

- Society of Hispanic Professional Engineers, April 2022 to Present

VOLUNTEERISM

- Fundraising for *Childrens Poverty Alliance*
- Volunteer for "*Citizens Helping Citizens In Crisis*"
- Volunteer support staff for *Adam's Place* to provide hope, healing, and resources to grieving children
 - *All taken place in Henderson, NV area*