

# Jessica Chavez

Full Stack Software Engineer, Developer and Designer | Las Vegas, Nevada

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## PROFESSIONAL SUMMARY

Passionate and versatile Full Stack Software Engineer with experience in delivering innovative solutions for multi-vendor e-commerce markets, media, and marketing platforms. Proven expertise in designing, developing, and implementing scalable software architectures while optimizing performance. Committed to continuous learning and research, with proficiency in a wide range of technologies.

## WORK EXPERIENCE

**TOIA | Full Stack Software Engineer** | Remote, US | March 2021 - Jan 2024

**Tech Stack:** Javascript, React, Mongoose, Express, Node.js, MongoDB, TailwindCSS, Redux.

- **Architected Scalable Systems:** Built a monolithic system architecture with NoSQL MongoDB, designed with future scalability in mind, ensuring the platform could grow seamlessly as user demands increased.
- **Enhanced Platform Functionality:** Conducted in-depth research and integrated third-party APIs, significantly expanding the platform's capabilities and offering users a richer experience.
- **UI/UX Design Excellence:** Designed visually appealing and user-friendly UI/UX interfaces using React, CSS, HTML, TailwindCSS, and Adobe tools, leading to increased user engagement and satisfaction.
- **Proactive Issue Resolution:** Actively identified and resolved issues throughout the software development lifecycle, consistently meeting and exceeding company requirements.
- **Optimized Media Content Delivery:** Utilized Cloudinary and Amazon S3 for efficient media content storage and delivery, improving load times and overall platform performance.
- **Streamlined Deployments:** Implemented load balancers and a GitHub CI/CD pipeline, enabling automated and reliable deployments, which reduced downtime and improved release efficiency.
- **Innovative Features Development:** Developed advanced mapping functionality for location-based services and created dynamic event pages for vendor promotions, directly enhancing user interaction and vendor visibility.
- **Rigorous Testing and Optimization:** Conducted thorough testing, debugging, and optimization using Jest and TypeDoc, ensuring high-quality and maintainable code.
- **Content Creation:** Directed, produced, and edited videos for content, contributing to the platform's multimedia strategy and enhancing user engagement through visual **storytelling**.

## TECHNICAL SKILLS

### **Programming**

**Languages:** Python,

JavaScript, TypeScript

### **Web Development:**

Javascript, React,  
Django, HTML, CSS

### **Game Development:**

Unreal Engine

### **Backend**

**Technologies:** Node.js,  
Express, MongoDB,  
PostgreSQL, Django  
Rest Framework (DRF)

### **State Management:**

Redux **Testing:** Jest,  
TDD Quality, TypeDoc

**Cloud Services:** AWS,  
Digital Ocean

**Web Servers:** NGINX

**Version Control:** Git,  
GitHub CI/CD pipeline

### **Containerization:**

Docker

### **API Development:**

REST **Designs and  
editing:** Figma, Adobe,  
Creative Suite, Blender,  
Final Cut Pro X.

### **New Skill**

Google Ads

## CERTIFICATIONS

### **Frontend**

**Development**

**Challego Online Market | Full Stack Software Engineer, Developer and Designer** | Remote, US | Jan 2023 - Present  
**Tech Stack:** MERN (MongoDB, Express, React, Node.js), JavaScript, Redux, TailwindCSS.

- **Full-Stack Ecommerce Development:** Developed a robust full-stack ecommerce web application, enabling seamless online transactions and product management.
- **Developed and Implemented:** An authenticated email system using JWT tokens, significantly enhancing security and user experience. Multi-vendor Platform: Designed and implemented comprehensive multi-vendor and admin features, enabling seamless management and scalability for the online marketplace.
- **Responsive Design:** Designed a responsive and user-friendly front-end using HTML, CSS, and Python, ensuring an optimal shopping experience across devices.

**Wonderland Event Planners | Developer** | Remote, US | Jan 2023 - Present  
[FD Wonderland Events](#)  
**Tech Stack:** HTML, CSS, and JavaScript.

- **Designed and Developed:** Created a visually appealing and user-friendly web page tailored for the event planning services, enhancing online presence and user engagement.
- **Google Translate Integration:** Implemented Google Translate to make the website accessible to a broader audience, improving the user experience for non-English speakers.
- **Appointment Booking System:** Routed the "Book Appointment" feature to the contact page, streamlining the process for potential clients to connect with the business.
- **Cost-effective Communication:** Implemented a free email system, helping the small business save on operational costs while maintaining effective communication with clients.
- **Ongoing Maintenance:** Regularly update and maintain the website to ensure optimal performance, security, and user experience.

## EDUCATION

### College of Southern Nevada (CSN) - Business Management

Experience in Business Management:

- Established strong foundations in business practices, including strategic planning, development, and entrepreneurship.

Entrepreneurial Experience:

- Successfully hired full time at a company, remote, in office in creative industries, freelanced, demonstrating adaptability and a strong entrepreneurial drive and spirit.

Multifaceted Talents:

- Utilized a wide range of my skills in software engineering, architecture, design, game development, music, and film to develop innovative business solutions.

### Kenzie Academy from Southern New Hampshire University

**Software Full Stack Software Development Certificate** ( Frontend and Backend )

- Completed a 12-month, project-based **Full Stack Development** curriculum.
- Developed proficiency in Python, Django, HTML, CSS, JavaScript, and ReactJS.
- Acted as a Product Manager, Scrum Master, and Software Developer within a remote agile team.
- Built real-world applications involving unit testing, OOP, 3rd party REST API

**Certificate | Kenzie Academy from SNHU**  
Jan 2021

**Full Stack Development Certificate | Kenzie Academy from SNHU** | July 2021

**Software Architecture & Design of Modern Large Scale Systems**

**Software Architecture & Security**

integration,  
and user authentication systems.

- Successfully facilitated collaborative work and met project deadlines.

## PROJECTS

### Python Ecommerce Market

**Tech Stack:** Django, Python, PostgreSQL

- **Full-Stack Ecommerce Development:** Developed a robust full-stack ecommerce web application, enabling seamless online transactions and product management.
- **Responsive Design:** Designed a responsive and user-friendly front-end using HTML, CSS, and Python, ensuring an optimal shopping experience across devices.
- **Secure Authentication:** Implemented authentication for all user roles, leveraging PostgreSQL for secure and efficient data management, enhancing user trust and platform security.

### Stay Fly Online Market Demo

**Tech Stack:** HTML, CSS, JavaScript | [Go to Demo Shop](#)

- **Integrated Payment System:** Implemented secure payment functionality using Stripe, providing users with a reliable and streamlined checkout experience.
- **Ecommerce Demonstration:** Created a fully functional demo that showcases the potential of an online market, focusing on user experience and transaction security.

### Connect Four Game

**Tech Stack:** HTML, CSS, JavaScript | [Play a game of Connect Four](#)

- **Themed Game Development:** Developed a fully functional Connect Four game with a Christmas theme, offering an engaging and festive user experience.
- **Interactive User Interface:** Created a responsive and visually appealing interface with holiday-themed graphics, enhancing the game's appeal and usability.