

# Jessica Chavez

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

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## EXPERIENCE

### Toia, CA Remote — Software Engineer

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, 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**.

### Challego Online Market, NV Remote — Software Engineer | Developer

JAN 2024 - 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

## 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

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, NV Remote — *Software Developer*

JAN 2024 - PRESENT [visit live website](#)

**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), NV — 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 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.