# Jessica Chavez

**Full Stack Software Engineer** | Las Vegas, Nevada
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## PROFESSIONAL SUMMARY

Passionate and highly skilled Full Stack Software Engineer with a proven track record of delivering innovative solutions for multi-vendor e-commerce markets, and social media platforms. Experienced in designing, developing, and implementing scalable software architectures, optimizing performance, and ensuring data security. Proficient in a wide range of technologies and extremely dedicated to continuous learning and research.

## WORK EXPERIENCE

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

- Tech Stack: React, Mongoose, Express, Node.js, MongoDB, TailwindCSS.
- Architected a monolithic system (with keeping in mind moving to a microservices-based system in the near future) backend using Node.js, Express, and Mongoose, improving scalability and performance.
- Conducted in-depth research and integrated third-party APIs to enhance software functionality.
- Developed and maintained codebase using React, Node.js, Mongoose, Express, JavaScript, Redux, and Tailwind CSS.
- Designed visually appealing UI/UX interfaces with React, CSS, HTML, and Tailwind CSS, along with Adobe tools.
- Implemented a feature-rich Social Media component, allowing seamless sharing of videos, images, and GIFs.
- Successfully addressed company requests and proactively resolved issues throughout the software development lifecycle.
- Overcame multi-vendor routing and user workflow challenges.
- Leveraged Cloudinary and Amazon S3 for media content storage and delivery optimization.
- Implemented load balancers using MongDB
- Implemented a GitHub CI/CD pipeline for automated deployments.
- Integrated Event Pages for vendors to promote events and users to discover and participate.
- Developed mapping functionality for location-based services connecting customers with nearby vendors.
- Created user profiles, content posting, and interaction functionalities.
- Conducted testing, debugging, and optimization using Jest and TypeDoc.
- Implemented and ensured robust user authentication and data protection.
- Directed, produced and edited videos for content.

**Roots Ecommerce** | **Full Stack Software Engineer** | Remote, US | July 2021 - Jan 2022

- Contributed to software development, authentication, maintenance, and feature enhancements.
- Utilized Python, Django, CSS, HTML, Docker, AWS, and PostgreSQL.
- Implemented Load balancers and configured Nginx for SSL certificate management.

## TECHNICAL SKILLS

*Programming Languages*: Python, JavaScript, TypeScript
*Web Development*: 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, GraphQL
*Designs and editing*: Adobe, Pr, Ps, Ai, Ae, illustrator, Final Cut Pro X.

## CERTIFICATIONS

Frontend Development 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

"I am passionate about crafting software solutions that meet user needs and drive business success With my technical expertise, project management skills, and dedication to continuous improvement, I am well-equipped to take on new challenges and deliver exceptional results."-Jessi

**Cavern of Khaos | Game Developer** | Remote, US | Dec 2022 - Present
- Tech Stack: Unreal Engine.
- Strong understanding of user interface and user experience design principles.
- Proficient in creating 2D and 3D graphics and animations using Adobe Photoshop, Illustrator, and Blender.

## EDUCATION
**College of Southern Nevada (CSN)** - Business Management
Experience in Business Management:
- Established strong foundations in business practices, including strategic planning, financial management, and entrepreneurship.

Entrepreneurial Experience:
- Successfully freelanced, hired full time, part time, remote, in office in multiple creative industries, 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 and competitive business solutions.

**Kenzie Academy from Southern New Hampshire University**
Full Stack ( Frontend and Backend ) Development Certificate
- 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
**AI Image Generator App**
- Tech Stack: React, Mongoose, Express, Node.js, MongoDB
- Developed a full-stack web application for AI image generation.
- Created a responsive and user-friendly front-end using HTML, CSS,  and React.
- Integrated Leonardo AI API for seamless data exchange with the backend.
- Implemented a community feature for users to share AI-generated content.

**Multi Vendor Restaurant Delivery System**
- Tech Stack: Django, Python, PostgreSQL
- Developed a full-stack multi-vendor restaurant delivery web application.
- Designed a responsive and user-friendly front-end using HTML, CSS, and Python.
- Integrated Map API for data exchange with the Django backend.
- Implemented authentication for all roles and utilized PostgreSQL for the database.

**Connect Four Game**
- Tech Stack: JavaScript, HTML, CSS
- Developed a JavaScript game for multiplayer enjoyment.
- Created a responsive and visually appealing interface with holiday-themed graphics.