Jessica Chavez aka Tica

Full Stack Software Engineer, Designer | Las Vegas, Nevada
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PROFESSIONAL SUMMARY

Hi, I'm a passionate and versatile skilled professional. Full Stack Software Developer delivering innovative solutions for multi-vendor e-commerce markets, media and marketing platforms. Experienced in designing, developing, and implementing scalable software architectures, optimizing performance. 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.
- Built a monolithic system (keeping in mind moving to a microservices-based system as scalability trade-offs are defined).
- 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, and other design tools for custom graphic designs.
- 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
- 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.
- Design matching the aesthetics of the ecommerce niche.

Cavern of Khaos | Game Developer | Remote, US | Dec 2022 - Present

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, GraphQL
Designs and editing: Adobe, Pr, Ps, Ai, Ae, illustrator, blender, Three.js, Spline, 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

- Tech Stack: Unreal Engine.
- Currently developing a game to release on steam when completed.
- Understanding of user interface and user experience design principles.
- Creating 2D and 3D graphics and animations using Adobe Photoshop, Illustrator, Unreal engine, Spline 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

Software 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. Updating this game creating new models in blender.