Steven Watkins

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An accomplished and versatile technology entrepreneur and artist, I have honed my skills through self-guided exploration and hands-on experience. My deep knowledge spans a wide array of programming and development software, allowing me to tackle diverse challenges and deliver innovative solutions. With a passion for both technology and artistic expression, I bring a unique perspective to every project I undertake. Through my entrepreneurial journey, I have demonstrated the ability to adapt to rapidly evolving technologies and leverage them to create impactful and visually captivating experiences. Whether it's developing cutting-edge applications or crafting visually stunning designs, I thrive on pushing boundaries and exploring new possibilities. With my combination of technical proficiency, artistic vision, and entrepreneurial spirit, I am poised to make a significant impact in the ever-evolving landscape of technology and art.

Skills

Languages, Frameworks & Tools
HTML, CSS, Javascript, Typescript, Node.js
React, Next.js, Express, Redux, Three.js, Git,
Python, Perl, Ruby, UE C++ Blueprinting, MD

Backend / Databases
MongoDB, Appwrite, Firebase, Firebase Admin, Firestore, MySQL, Planetscale, Prisma, GraphQL, Grok

Middleware
GraphQL, Apollo, Mongoose, Helmet, useSWR,

Authentication
OTP Verification, JWT Token, Bcrypt, NextAuth

Libraries / Plugins
Tailwind CSS, Material UI, Headless UI, *OpenAI*, MUI X Datagrid, Nivo, Formik, Zustand, Beautiful DND,

Operating Systems
Windows: 98, XP, ME, 7, Vista, 10,
↪**Server**: 2003, 2008, 2012
Linux: Ubuntu (Desktop/Server/Studio), Debian, Mint, LMDE, Fedora, openSUSE, Kali, Backtrack, TAILS, ArchLinux, CentOS
Other: Android, ARM (32/64)

Software Proficiency
Content Creation: Photoshop, Premiere, After Effects, Audition, Lightroom/Bridge, Corel Painter, GIMP, Resolve

3D: 3DS Max, Maya, Mudbox, Blender, Sculptris

Game Development: Unreal Engine 4/5, Unity, Substance Designer, Speed Tree, World Machine, Quixel Suite, Marmoset Toolbag,

Other: Libre Office Suite, Microsoft 365

Experience

UnTelevised Media - Denver, CO
January 2019 - Current
↪ Independent media outlet specializing in covering; the political climate within America, natural disasters, and environmental issues, other breaking news events.
Sr. Next.JS Developer / Infrastructure DevOps Engineer (NGINX)
https://untelevised.media
- Orchestrated the seamless transition through three website iterations, showcasing proficiency in WordPress, designing a MongoDB-based blog-style site, and culminating in the development of the current site using Next.js & Sanity.
- Led the creation of a customized CMS Interface and backend Schema using Next Sanity, enhancing content production control and quality.
- Innovated custom live streaming server with NGINX, optimizing video production and elevating the streaming experience.
- Engineered an advanced Live Stream server, enabling on-location broadcasts to the studio for superior composure and broadcast quality.
- Innovated a dynamic News Ticker for live stream production with GROK query language, leveraging advanced technology to extract headlines directly from website content, enhancing real-time engagement and information delivery.

Decima Tech Solutions - New Orleans / Denver
May 2015 – Current
↪ Low Voltage contractor specializing in custom installs serving both residential and commercial
Web Developer / Social Media Manager / Photographer / Videographer
http://decima-tech.dx.am
- Designed and developed a comprehensive multi-page website, increasing online visibility and generating more leads.
- Led the successful creation of the company's brand identity and logo, enhancing brand recognition and trust.
- Created compelling advertisements using jobsite photos and videos, resulting in increased inquiries and conversions.
- Produced engaging on-site video content, showcasing completed projects and strengthening the company's reputation.
- Implemented SEO and digital marketing strategies, improving search engine rankings and establishing the company as a top competitor.

A.R. Media Group - Washington, D.C.
November 2013 - March 2019
↪ Independent media outlet specializing in covering; the political climate within America, green energy initiatives, corporate corruption and environmental issues.
Webmaster / Sr. Social Media Strategist
- Create time-sensitive promotional and educational videos on specific subjects for the media outlet.
- Design and manage multiple websites for the media group and partner organizations.
- Develop brand logos, including images and animated motion graphics.
- Establish distinctive brand identities and social media presence for 23 media outlets and organizations.

Digital Alchemyst Studios - Jackson, MS
June 2016 – May 2019
↪ Video game asset development studio, creating high quality assets for use in the next generation of video games and films.
C# Developer / Level Designer / Graphic Designer / Motion Graphic Animator
- • Developed a streamlined Auto-Terrain Texturing system in Unreal Engine 4, ensuring efficiency and functionality.
- • Designed a Photo to PBR graph in Substance Designer for rapid rendering of PBR texture maps from photos, optimizing workflow speeds.
- • Crafted expansive 3D environments and assets for open-world scenarios based on concept art and reference photography.
- • Executed PBR texture rendering from photos or from scratch using Substance Designer.
- • Utilized the Blueprint scripting system in Unreal Engine to program backend game functionality, enhancing the overall gaming experience.

Hemp Sector - Remote   February 2013 – August 2018
↳Activism group focused on education on the hemp plant its benefits and uses
Web Developer / Social Media Manager
- Manage website content creation, ensuring engaging and informative material for visitors.
- Develop compelling social media content to generate interest and awareness for the hemp activist brand.
- Regularly update and maintain a multi-page HTML CSS-based website for seamless user experience.
- Capture captivating photographs of hemp and cannabis-related products for effective presentation on social media platforms.

Portfolio Projects

Vagablog
↳ This is a blog website that can use ChatGPT to generate blog content paired with prompts to use in an AI image generation model of your choice.
Next.js 13.4 / OpenAI / Prisma / Planetscale / Firebase / NextAuth / Typescript / Tailwind CSS
- https://github.com/Digitl-Alchemyst/vagablog / https://vagablog.vercel.app/

Checkmate
↳Checkmate is a GPT-4 powered todo list application. It uses AI to help summarize your tasks and suggest the best way to complete them, prioritizes task, and uses the priority system to flag important task.
Next.js 13.6 / Zustand / OpenAI / Headless UI / Appwrite / Beautiful DND / Typescript / Tailwind CSS
- https://github.com/Digitl-Alchemyst/checkmate / https://checkmate-digitl-alchemyst.vercel.app/

Wander-Lodge
↳ AirBNB style lodging application
Next.js 13.4 / Mapbox / Appwrite /
- https://github.com/Digitl-Alchemyst/wander-lodge / https://wander-lodge-digitl-alchemyst.vercel.app/

Google Shopping Clone
↳ This is a clone of the Google shopping app created in Next.js 13.4.8 with Tailwind CSS & Typescript. It uses OxyLabs Ecommerce Scrapper.
Next.js 13.3 / Oxylabs Web Scrapper / Appwrite / Skeleton Loader
- https://github.com/Digitl-Alchemyst/google-shopping / https://google-shopping.vercel.app/

Cloud Stash
↳ A secure file storage application with cryptographic document signing, encryption, editing & collaboration.
Next.js / Tailwind CSS / Typescript / Firebase / Firestore / Clerk / ShadCN / Dropzone / Tanstack Tables
- https://github.com/Digitl-Alchemyst/google-shopping / https://google-shopping.vercel.app/

Dynamo
↳ React Admin Dashboard
React / Saas CSS / Typescript / Recharts /
- https://github.com/Digitl-Alchemyst/Dynamo

Dashy
↳ Admin Dashboard providing an overview of tracked data through charts, events management via calendar, and contact management & invoice tracking through data grids
React / Material UI / MUI Datagrid / React Pro Sidebar / Nivo Charts / Formik / Full Calendar
- https://github.com/Digitl-Alchemyst/Dashy / https://dashy-mauve-seven.vercel.app/

Indigo
↳ Admin Dashboard providing an overview of tracked data through charts & data grids, reading data from a Mongo DB
React / Material UI / MUI Datagrid / Nivo Charts / MongoDB / Mongoose / Apollo / GraphQL / Node.js
- https://github.com/Digitl-Alchemyst/Project-Indigo

Gypsy
↳ A ChatGPT Clone using Next.js 13.4.4 & Firestore for logging message history
Next.js / Typescript / Tailwind CSS / OpenAI / Tip-Tac / Firebase / Firestore / NextAuth / useSWR
- https://github.com/Digitl-Alchemyst/gypsy

Town Square
↳ A Twitter/X/Threads style social media app
Next.js / Type Script / Clerks / Upload Thing / Mongoose / MongoDB / Prisma
- https://github.com/Digitl-Alchemyst/town-square / Live demo Coming soon

Education

Hinds Community College   Pearl, MS
Dual Majors in Welding and Sociology
Dean's Scholar and President's List • Member of Alpha Kappa Alpha Beta

Fullsail University   Winter Park, FL
Game Development Bachelor's
Application Development Fundamentals

Online Courses
Full Stack Zero to Hero
Web Dev Simplified
Next.js Bootcamp
Next JS & Open AI / GPT: Next-generation Next JS & AI apps