

Steven Watkins

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Innovative and versatile developer with a strong entrepreneurial spirit and a keen eye for artistic detail. With extensive experience in React, Next.js, and AI integration. Proven expertise in building single-page applications, implementing AI chatbots, and leveraging cloud services. Adept at creating efficient, secure, and user-friendly applications with a focus on OpenAI and chatbot technologies. Adept at creating visually stunning, efficient, and user-friendly applications. Seeking a developer role to leverage my technical AI skills and creative vision.

Skills

Languages & Frameworks

HTML, CSS, JavaScript, TypeScript, Node.js
React, Next.js, React Native, Python, Perl, Ruby,
UE C++ Blueprinting, NGINX, Apache

Backend / Databases

MongoDB, Appwrite, Firebase, Firebase Admin,
Firestore, MS Azure, AWS, S3, Supabase,
MySQL, PlanetScale, GraphQL, Grok

CSS Frameworks

Tailwind CSS, Bootstrap, Saas CSS, ShadCN,
Material UI, Styled Components, Headless UI,

Middleware

Apollo, Mongoose, Helmet, useSWR, Express,
RESTful API, Morgan, CORS

Testing

Jest, React Testing Library, Husky, ES-Lint,
Prettier

Authentication

OTP Verification, JWT Token, Bcrypt, NextAuth,
Clerk

Libraries / Plugins

OpenAI, *Langchain*, *Pinecone*, Zustand, Zod,
Redux, React Hook Form, Framer Motion,
Recharts, ReactDnD, Next-Translate, Prisma,
Axios, Tanstack Query

Software Proficiency

Content Creation: Photoshop, Premiere, After
Effects, Audition, Lightroom/Bridge, Corel
Painter, GIMP, Resolve, StreamLabs, OBS, Prism

Design: Figma, AdobeXD

CI/DC: GitHub Actions, Jenkins, Github
Webhooks, Gitlab, Vercel, Docker, Kubernetes

Core Competencies

Single Page Application Development
AI Chatbot Implementation
Secure API Development
Cloud Services Optimization (Azure, AWS)
CI/CD Pipeline Management
Full-Stack Architecture Design

Experience

DocuBot (2nd Place, University of Code AI SaaS Challenge) [<https://docubot.vercel.app/>]

July 2024 - Present

↳ AI-powered document analysis and chat interface revolutionizing information retrieval and document interaction.

Sr. Next.js Architect / AI Integration Specialist & Prompt Architect / Chief Product Innovator

- Developed an AI-powered document reader chatbot in 3 days, competing against 4,000 contestants.
- Won second place in the competition, demonstrating exceptional skills in AI and SaaS development.
- Implemented document vectorization using Pinecone and LangChain for efficient information retrieval.
- Implemented robust rate limiting system for AI conversations, optimizing resource usage and ensuring fair access while maintaining high performance.
- Integrated Google Firebase/Firestore for backend operations and Stripe for subscription payments.
- Recognized as the most helpful participant for assisting fellow developers with bug resolution.
- Showcased ability to work under pressure, completing a complex project within a tight deadline.
- Implemented markdown styling and code markup with syntax highlighting for AI responses, enhancing readability and user experience.
- Demonstrated proficiency in rapidly learning and applying cutting-edge AI technologies working with a fresh update to Langchain.
- Technologies used: AI/ML, Vector Embeddings, Firebase, Firestore, Stripe, OpenAI, Claude, Pinecone, LangChain

Sustain the Scoop [<https://scoop-sustain.vercel.app/>]

June 2024 - Present

↳ SaaS project providing creator donation and community support funding with a focus in supporting suppressed and censored journalist

Next.js DevOps Specialist / API Developer

- Designed and developed a feature-rich SaaS platform using Next.js 15, TypeScript, and MongoDB, creating a unified solution for creator monetization and community support.
- Designed and executed a comprehensive profile management system, allowing creators to showcase their work, share bios, and integrate social media links, significantly improving user engagement.
- Developed a dynamic dashboard featuring revenue tracking, supporter analytics, and fundraising progress, empowering creators with actionable insights to grow their audience and income.
- Integrated advanced monetization tools, including tips, subscriptions, and merchandise sales, diversifying revenue streams for creators and boosting overall platform profitability.
- Utilized AWS S3 for file storage, enabling seamless uploads of high-quality images and documents, enhancing the visual appeal of creator profiles.

Men's Wearhouse – Remote

January 2024 - May 2024

↳ Short-term project to modernize and optimize the e-commerce platform

Next.js Specialist / Front-End Developer (UI/UX)

- Led the front-end UI refresh of menswearhouse.com, enhancing user experience and modernizing the site's aesthetic while maintaining brand consistency.
- Executed the migration from React to Next.js, leveraging server-side rendering and advanced caching features to significantly improve page load times and overall performance.
- Optimized data fetching processes by implementing Next.js server-side rendering, resulting in faster initial page loads and improved SEO.
- Utilized Next.js's built-in caching capabilities to reduce server load and further enhance site speed, particularly for frequently accessed product pages and categories.
- Collaborated with the back-end team to ensure smooth integration of the new front-end architecture with existing systems and databases.
- Implemented performance monitoring tools to quantify improvements, demonstrating a 92% reduction in average page load time and 90% increase in Google Core Web Vitals scores.

↳ Independent media outlet covering political climate, natural disasters, environmental issues, and breaking news

Sr. Next.js Developer / Infrastructure DevOps Engineer (NGINX)

- Spearheaded website evolution through three iterations, progressing from WordPress to a MERN Stack based blog, and finally to a Next.js & Sanity-powered platform, demonstrating versatility and continuous improvement.
- Designed and implemented a custom CMS interface and back-end schema using Next Sanity, significantly enhancing content management capabilities and editorial control.
- Engineered and deployed custom NGINX based live streaming infrastructure, enabling high-quality field-to-studio broadcasts and revolutionizing video production workflows, resulting in elevated broadcast quality and improved overall production value.
- Innovated a versatile dynamic News Ticker using GROK query language, automating real-time headline extraction from website content. This single instance seamlessly integrates with both live broadcasts and the news site header, enhancing viewer engagement across platforms while demonstrating efficient code reuse.
- Optimized server caching through Next.js App Router features, resulting in dramatically improved site speed and content delivery performance.
- Consistently leveraged cutting-edge web technologies to enhance user experience, streamline operations, and maintain UnTelevised Media's competitive edge in digital news delivery.

Steven Watkins Photography [<https://stevenwatkinsphotography.com/>]

May 2024

↳ This is a personal photography portfolio and blog for myself.

Next.js 14.2 / Typescript / Tailwind CSS / Sanity Studio

- Developed a comprehensive Next.js application for a professional photography portfolio, leveraging modern web technologies such as TypeScript, Tailwind CSS, and React.
- Implemented SEO friendly metadata generation for both blog posts and gallery pages, ensuring high visibility on search engines like Google.
- Integrated third-party services including Google Tag Manager, Vercel Analytics, and EmailJS for enhanced functionality and analytics capabilities.
- Utilized Sanity.io for content management, enabling dynamic rendering of blog posts and gallery pages based on real-time data fetched from the Sanity back-end.
- Employed responsive design techniques to ensure the website provides an optimal viewing experience across a wide range of devices, from desktops to mobile phones.
- Incorporated accessibility features throughout the application, making it accessible to users with disabilities.
- Set up a deployment pipeline using Vercel, automating the build and deployment process for seamless updates and roll-outs.
- Optimized image loading and performance using Next.js Image component and lazy-loading strategies, significantly improving page load times and overall user experience.
- Added interactive elements such as social media share buttons and embedded videos within blog posts, enhancing user engagement.

A.R. Media Group - Washington, D.C. [<https://anonresistance.news/>] [<https://thefifthcolumn.com/>] [<https://antimedia.com/>]

November 2013 - March 2019

↳ Independent media outlet specializing in covering; the political climate within America, green energy initiatives, corporate corruption and environmental issues

Senior React Developer / Digital Media Strategist

- Created time-sensitive, impactful promotional and educational videos on complex subjects, enhancing audience engagement and information dissemination.
- Led web development and management for multiple high-profile media sites, ensuring optimal performance and user experience.
- Leveraged diverse skills in web development, graphic design, video production, and social media management to establish and maintain a strong, cohesive online presence for the media group.
- Orchestrated comprehensive digital branding and social media strategies for 23 media outlets and partner organizations, encompassing logo design, animated motion graphics, and distinctive visual identities across multiple platforms, significantly expanding online reach and engagement.
- Designed and implemented a comprehensive back-end content distribution platform, enabling seamless collaboration and content sharing among group members across multiple media outlets, streamlining workflows and enhancing overall content management efficiency.

Hemp Sector - Remote [<https://hempsector.org/>] [<https://hempsector.net/>]

February 2013 - August 2018

↳ Activism group focused on education on the hemp plant its benefits and uses

WordPress Developer / Shopify Developer / Social Media Manager

- Designed and maintained a multi-page WordPress website, regularly updating content and maintaining the platform to ensure an informative and seamless user experience for hemp education.
- Created and managed a Shopify e-commerce store selling hemp-related products, with proceeds directly supporting the organization's educational outreach programs. Integrated the store with the main website to create a cohesive user experience.
- Implemented a comprehensive social media strategy across multiple platforms, creating engaging content that significantly increased public awareness and interest in hemp benefits and use.
- Utilized web development skills in WordPress and Shopify, combined with social media management expertise, to create a unified online presence that amplified the organization's message and supported its mission.
- Leveraged photography skills to capture high-quality images of hemp and cannabis-related products, enhancing visual appeal and engagement on both the website and social media platforms.
- Analyzed web and social media metrics to continuously refine digital marketing strategies, optimizing content and improving user engagement across all 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 / StoryBlocs / Clerk

- <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/>

Gypsy

↳ A ChatGPT Clone using Next.js 14 & Pinecone for logging message history. AI Speech to Text analysis and AI voice replies for a voice to voice conversation. AI Language translation abilities.

Next.js 13.2-14.4 / Typescript / Tailwind CSS / OpenAI / Tip-Tac / Firebase / Firestore / NextAuth / useSWR / Whisper / Microsoft Azure / Pinecone / Langchain
<https://github.com/Digitl-Alchemyst/gypsy>

Regal Stream

↳ A video streaming service UI/UX project with AI recommendation features.

Next.js / Type Script / Clerks / Upload Thing / Mongoose / MongoDB / Prisma / OpenAI / Azure Edge Functions

NimbusAI

↳ An AI weather analysis platform

Next.js / Type Script / Clerks / Stripe / OpenAI

Wander-Lodge

↳ AirBNB style lodging application

Next.js 13.4 / Map-boxGL / Appwrite /

- <https://github.com/Digitl-Alchemyst/wander-lodge> / <https://wander-lodge-digitl-alchemyst.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/>

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> /

McDonald's UI/UX Updates

↳ This is a front end rework for <https://mcdonalds.com/> used as part of a bid submission, also includes slight improvements on store locator functionality

Next.js 14.1 / Typescript / TailwindCSS / Skeleton Loader

- <https://github.com/Digitl-Alchemyst/google-shopping> / <https://google-shopping.vercel.app/>

Travel Pass

↳ A hotel and flight pricing scraper that scans multiple sources (hotels.com booking.com priceline.com and others) SAAS concept project.

Next.js / Type Script / Tailwind CSS / Oxylabs Scrapper / Shad CN / Zod

- <https://github.com/Digitl-Alchemyst/travel-pass> / <https://www.youtube.com/watch?v=ZtPs9kD9ExY>

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/>

Dynamo

↳ React Admin Dashboard

React / Saas CSS / Typescript / Recharts / Node.js / Express

- <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 / Express

- <https://github.com/Digitl-Alchemyst/Project-Indigo>

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

Tech Accelerator from Coding Phase

Next JS & Open AI / GPT: Next-generation Next JS & AI apps