

Steven Watkins

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Innovative and versatile developer with a strong entrepreneurial spirit and a keen eye for artistic detail. Proven expertise in full-stack development, DevOps, and web technologies, complemented by a deep understanding of various programming languages and frameworks. Adept at creating visually stunning, efficient, and user-friendly applications. Seeking a challenging developer role to leverage my technical skills and creative vision.

Skills

Languages & Frameworks

HTML, CSS, JavaScript, TypeScript, Node.js
React, Next.js, React Native, Python, NGINX,
Apache

Backend / Databases

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

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

Design: Figma, AdobeXD

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

Core Competencies

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

Experience

Access Vault [\[https://accessvault.app/\]](https://accessvault.app/)

March 2025 – May 2025

↳ Secure credential management platform enabling businesses to store, organize, and share sensitive login information with advanced post-quantum cryptography and zero-knowledge encryption.

Sr. Full-Stack Next.JS Developer / Cryptography Engineer/ Chief Technology Officer

- Engineered a comprehensive credential management system with military-grade encryption including CRYSTALS-Kyber and Dilithium post-quantum cryptography implementation, protecting sensitive business credentials against future quantum computing attacks
- Implemented zero-knowledge encryption architecture with secure memory management for best-in-class protection of sensitive business credentials
- Built a multi-business credential system with permission controls and intuitive drag-and-drop organization interface
- Integrated Stripe payment processing with custom subscription tiers, enabling seamless billing management and feature entitlements
- Created a responsive UI framework using Tailwind CSS and ShadCN with custom animations for an exceptional user experience
- Implemented secure session management with cross-tab synchronization, automatic timeouts, and protection against common web vulnerabilities
- Built a scalable database schema with Supabase (PostgreSQL) featuring efficient data structures, indexing, and relational integrity for optimal performance and data consistency
- Created an audit logging system for comprehensive user action tracking, enabling advanced monitoring and compliance with data protection regulations

Bot Forge [\[https://bot-forge-psi.vercel.app/\]](https://bot-forge-psi.vercel.app/)

February 2025 – Present

↳ Bot Forge is a SaaS platform that enables businesses to create custom AI chatbots powered by their own knowledge base, with seamless website integration and subscription management.

Full-Stack Next.JS Developer / AI Integration Specialist / Chief Product Innovator

- Architected and developed a full-stack application for creating and managing AI chatbots with custom knowledge bases
- Implemented a comprehensive subscription system with Stripe integration, supporting multiple pricing tiers and usage limits
- Built a responsive dashboard with real-time analytics, allowing users to monitor chatbot performance metrics
- Created an embeddable widget system enabling customers to easily integrate chatbots into any website with a single line of code
- Designed and implemented a scalable database schema using PostgreSQL with GraphQL for efficient data fetching
- Developed a secure authentication system with role-based access control using Clerk
- Integrated with OpenAI and Claude APIs to enable natural language processing and contextual responses
- Implemented comprehensive testing with Jest to ensure application reliability
- Optimized performance for mobile and desktop devices with responsive design principles
- Followed accessibility best practices to ensure the application is usable by everyone
- Built a complete SaaS solution from concept to deployment within 3 months

Content Pilot (1st Place Winner PAPA React AI Agent Challenge) [\[https://content-pilot.ai/\]](https://content-pilot.ai/)

March 2025 – Present

↳ AI-powered platform that transforms YouTube videos into multiple content assets including blog posts, metadata, scripts, and thumbnails.

Full-Stack Next.JS Developer / AI Integration Specialist / Chief Product Innovator

- Developed a sophisticated AI content transformation platform in just 3 days as part of a competitive hackathon with over 6,000 initial participants, where fewer than 250 completed their projects for final judging
- Engineered an intelligent AI agent system integrating multiple models (Claude, GPT, Gemini) with specialized tools for generating blogs, transcripts, metadata, and thumbnails from video content
- Implemented model-switching capabilities allowing users to toggle between AI models for different content generation tasks
- Built a robust backend with Convex DB for efficient data management and Clerk for authentication and Schematic for payment and feature entitlements
- Created an intuitive, fully responsive UI using Tailwind CSS and Shadcn with a focus on accessibility, ensuring a seamless experience across all devices
- Recognized as the most significant community contributor during the hackathon, providing extensive support and troubleshooting assistance to fellow developers facing technical challenges with their projects
- Architected a YouTube integration system that extracts, analyzes, and processes video content, including automatic transcript generation
- Designed and implemented a usage system for AI features, incorporating sophisticated quota management and clear visualization of entitlements
- Extended base requirements with additional features, demonstrating exceptional problem-solving skills

Catch Lunch (notJustHack Mobile App Hackathon) [<https://catch-lunch.com/>]

December 2024 - Present

↳ Android mobile application used for collaboration on group dining experience with restaurant discovery & voting, bill splitting, ride share, and more.

React Native Architect / Chief Product Innovator

- Completed a month-long hackathon with 98 final entries from 2,600+ participants by building a group dining coordination app—despite having no prior mobile development experience.
- Engineered a sophisticated React Native mobile application leveraging Supabase real-time features to enable live collaborative features including instant group voting updates, dynamic bill calculations, and synchronized ride coordination
- Implemented comprehensive functionalities including restaurant discovery and voting system, smart bill splitting algorithms, and an integrated ride-sharing platform to create a seamless group dining experience
- Led the entire product development life-cycle as both technical architect and product innovator, resulting in a highly-rated application that transforms lunch coordination for teams and friend groups
- Created an intuitive user interface focused on solving common group dining pain points, including eliminating email chains, simplifying payment calculations, and streamlining transportation logistics

Information Affiliates - [<https://exbankerstoolkit.com/>], [<https://dailycupofai.com/>]

October 2024 – February 2025

↳ Blog and Newsletter outlet with multiple web products and platforms.

Chief Technology Officer / Sr Automation Engineer / Stake Holder

- Architected and implemented a sophisticated automation ecosystem using n8n, developing custom nodes and workflows that streamlined content management, client outreach, and business operations across multiple web properties
- Engineered an innovative integration between n8n and Sanity CMS using clean architecture principles, enabling seamless content delivery and dynamic updates for financial tools including mortgage calculators and investment analysis features
- Designed and deployed advanced client discovery automation systems using custom n8n workflows, incorporating AI-driven lead qualification and automated outreach sequences that increased client engagement by streamlining the consultation process
- Built scalable technical infrastructure connecting multiple platforms and services, implementing clean architecture patterns to ensure maintainable, testable code while enabling rapid feature development and platform expansion
- Led the development of interactive financial tools and calculators, integrating them seamlessly with the content management system to provide valuable resources for navigating the vast financial world

bolt.diy – (Open Source version of bolt.new)[<https://bolt.diy/>]

November 2024 - Present

↳ Open Source version of bolt.new AI-powered full-stack web development platform that enables developers to code directly in their browser.

DevOps Architect / Core Contributor

- Serve as a core maintainer for bolt.diy's GitHub repository, managing pull requests, code reviews, and repository maintenance while ensuring code quality and project standards across multiple contributors
- Led the implementation of several key features including terminal integration for LLM command outputs, Git clone functionality, and automated package detection for imports, significantly enhancing the platform's development capabilities
- Architect and maintain DevOps pipelines incorporating Docker containerization, streamlining the deployment process and enabling consistent development environments across the contributor base
- Guide agile development practices as Scrum Master, coordinating with a global team of open-source contributors to prioritize and implement high-impact features such as error detection, terminal integration, and starter template options
- Spearhead repository organization initiatives including documentation improvements, issue tracking refinement, and PR template standardization to facilitate smoother contributor onboarding and project scaling

RFD - Project under NDA

September 2024 - Present

↳ Leading a global team of senior developers in building a confidential enterprise solution, orchestrating development across 5 countries.

Chief Technology Officer / Scrum Master / Founder

- Lead strategic technical vision and execution for a stealth-mode project, managing a diverse team of 6 senior developers across 5 countries, effectively bridging 13-hour time zone differences and 4 native languages to deliver cohesive product development
- Orchestrate complex international development operations by implementing asynchronous communication frameworks, cultural-aware collaboration strategies, and timezone-optimized agile ceremonies to maintain high team productivity and engagement
- Drive architectural decision-making and technical strategy while mentoring team members, fostering a culture of innovation and excellence across distributed development teams
- Partner with CEO to establish corporate structure and governance, balancing technical objectives with business goals while maintaining strict confidentiality requirements
- Design and implement scalable agile methodologies tailored for a globally distributed team, ensuring clear communication channels, efficient knowledge sharing, and consistent project momentum across multiple time zones

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

Men's Wearhouse – Remote [<https://menswearhouse.com/>]

January 2024 - May 2024

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

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

- Led 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.

UnTelevised Media - Denver, CO [<https://untelevised.media/>]

January 2019 - March 2024

↳ 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 2023

↳ This is a personal photography portfolio and blog for myself used to promote my photography print sales business.

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.

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 • 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