Nathan Spinetti
Full Stack Engineer

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Workhuman / Full Stack Engineer III
May 2022 - Present, Framingham, MA

Gratitude Bar (Next.js, TypeScript, AWS, DynamoDB, AppSync)
- Led the revamp of the Gratitude Bar event app for 3,000+ attendees, enhancing real-time engagement.
- Implemented AWS Amplify & AppSync for WebSockets, allowing instant updates.
- Focused on intuitive UX and robust design, making the app a cornerstone of live events.

Workhuman Live (Custom WordPress, PHP, jQuery, ACF)
- Led development of the Workhuman Live event website, improving UX & accessibility.
- Built reusable UI components, enhancing functionality across multiple events.
- Ensured WCAG compliance and a responsive design for a seamless user experience.

Alt Text Generator (Next.js, AWS, Python, OpenAI)
- Developed an AI-powered alt text generator, automating accessibility across Contentful & WordPress.
- Integrated brand-aware AI text generation, ensuring compliance with accessibility & SEO standards.
- Streamlined content creation, reducing manual effort for multiple teams.

Workhuman Web Assistant (Next.js, AWS, Python, OpenAI)
- Built a chatbot trained on website data, replacing traditional search with natural language processing.
- Developed an auto-updating knowledge base using various AWS tools, ensuring accurate responses.
- Integrated real-time AI queries, making site navigation more intuitive.

MP / Web Developer and Designer
Aug 2020 - Apr 2022, Beverly, MA

nathanspinetti.com / Freelance Developer and Designer
Sep 2019 - Present, Plymouth, MA

Boston University
Masters of Science in Software Development, Web Application Development Focus

Johnson & Wales University
Bachelors of Science in Graphic Design, Web Design Focus

Google UX Design Professional Certificate, Coursera

Development: Next.js • React • TypeScript • JavaScript • Node.js • Python • MongoDB • DynamoDB • PHP • WordPress • Git/GitHub • CI/CD • A/B Testing • Algolia • AWS • Lambda • OpenAI • AI

Design & UX: Figma • Wireframing • Prototyping • User Research • Accessibility • Usability Testing • Adobe Creative Cloud • Photoshop • Illustrator

Collaboration: Agile Methodologies • Cross-Functional Teamwork • Project Management • Product Development • Data-Driven Decision Making