

Connor Pendleton

Senior Software Engineer

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PROFILE

Experienced Software Engineer with an 11+ years track record of crafting robust web applications using diverse technologies. Proficient in React.js, Next.js, Vue, React Native, Node.js, Python, Django, PHP, JavaScript, Typescript, and Tailwind CSS. Well-versed in modern React UI frameworks like Material UI and Ant Design. Dedicated to building scalable, visually appealing applications, adept at grasping client needs, and committed to ensuring 100% customer satisfaction.

SKILLS

- HTML, CSS, Javascript, Typescript, Python, PHP
- React.js, Next.js, Vue, Nuxt.js, React Native, Expo jQuery, Node.js, Express.js, Nest.js, Django, Laravel, Flask
- Tailwind CSS, Bootstrap, Material UI, SCSS/SASS, Styled-components, Chart.js, Chakra UI, Ant Design, Theme UI, Kendo UI,
- Redux, Context API, RESTful APIs, Fast API, Websockets, GraphQL, MySQL, MongoDB, Supabase, Snowflake, Firebase, Contentful CMS, Strapi CMS, DynamoDB, PostgreSQL,
- GPT3 AI, GPT4 AI, TensorFlow AI
- Azure, AWS, Jenkins, Git, CI/CD, Docker, Kubernetes, Cloudflare, Webpack, Babel, Jest, A-B Testing, Cypress, Heroku, Vercel
- Agile, Scrum, Kanban, Jira, Asana

PROJECTS

Senior Software Engineer, *Health Net*

05/2021 – present

Health Net is a leading health insurance provider in the United States, offering a wide range of healthcare plans and services for individuals, families, and businesses.

- **Architected and optimized** large-scale, high-performance applications using modern frameworks such as **React.js, Next.js, and Python**, ensuring scalability, maintainability, and seamless user experiences.
- **Led the development and deployment** of mission-critical features, collaborating with cross-functional teams to drive innovation and align technical solutions with business objectives.
- **Designed and implemented** robust backend APIs and microservices, leveraging GraphQL, RESTful APIs, Supabase, and MongoDB, ensuring efficient data flow and system reliability.

- **Spearheaded performance optimizations** by 30%, enhancing **First Contentful Paint (FCP)** and **Largest Contentful Paint (LCP)** through critical CSS extraction, caching strategies, and optimized asset loading. Implemented best practices in CI/CD, integrating ESLint, Husky pre-commit hooks, Jest testing, and automated deployments to maintain high-quality, error-free code.
- **Resolved complex issues in production**, troubleshooting bottlenecks, debugging critical errors, and implementing observability tools like **Sentry**, and **LogRocket** for proactive monitoring.
- **Mentored and led** junior and mid-level engineers, fostering a culture of code excellence, knowledge-sharing, and continuous learning through code reviews and technical discussions. Integrated third-party services such as Stripe for payments, Contentful for CMS, and Cloudflare/Vercel for CDN, ensuring seamless integration and optimal performance.
- **Ensured high accessibility and SEO standards**, implementing structured data, Open Graph meta tags, and WCAG-compliant UI improvements for better reach and usability.

Full-Stack Developer, Learning Pool

02/2017 – 04/2021

Learning Pool is a leading provider of intelligent learning solutions, helping organizations optimize workforce training, compliance, and professional development.

- **Engineered scalable learning platforms** using React.js, Next.js, and Node.js, improving user engagement and reducing page load times by 30%.
- **Developed and maintained adaptive learning content** solutions, leveraging GraphQL, RESTful APIs, and Supabase to deliver personalized learning experiences.
- **Optimized backend services and database performance**, implementing PostgreSQL indexing, caching strategies (Redis), and microservices architecture for efficient data handling.
- **Integrated AI-powered skill assessment tools**, utilizing machine learning APIs and real-time data processing, improving course recommendations and user retention.
- **Led the migration of Learning Pool's platform to Next.js**, enhancing performance, SEO, and scalability while reducing page load times by 40% through server-side rendering (SSR), static site generation (SSG), and optimized asset loading.
- **Reduced API response times by 30%**, leveraging GraphQL query optimization, pagination techniques, and load balancing to support millions of learners.
- **Led full-stack development of Learning Pool's OnScreen Guidance tool**, implementing real-time, in-app support features, improving user onboarding and productivity.
- **Collaborated with cross-functional teams** to design and implement secure authentication and role-based access control (RBAC) for enterprise customers.
- **Modernized legacy learning platforms**, migrating to a serverless architecture (AWS Lambda, DynamoDB), reducing operational costs and improving scalability.

Front-End Engineer, Recreational Equipment, Inc

11/2014 – 01/2017

REI offers a wide range of outdoor gear, apparel, and equipment for activities like hiking, biking, camping, climbing, skiing, and more.

- **Developed and optimized responsive, user-centric web interfaces** for REI's e-commerce platform using Vue and TypeScript, resulting in a 20% increase in conversion rates through improved user experience and faster page load times.
- **Implemented scalable and reusable UI components**, adhering to REI's design system and ensuring consistent branding and accessibility across the website.
- **Collaborated with UX/UI teams** to ensure the seamless integration of intuitive designs and interactive features, leading to an improved mobile-first experience that boosted mobile traffic by 15%.

- **Integrated third-party APIs** for payment processing, inventory management, and customer reviews, ensuring real-time data synchronization and smooth user transactions.
- **Built and maintained robust testing frameworks** using Jest, and Cypress, improving code quality and reducing the number of bugs in production by 25%.
- **Optimized accessibility (WCAG 2.1)** and SEO best practices across the platform, achieving higher search engine rankings and ensuring REI's commitment to inclusivity and accessibility for all users.
- **Ensured seamless cross-browser compatibility** and performance optimization on all devices, delivering a consistent and fast experience for REI's diverse customer base.
- **Contributed to the adoption of design systems** and best practices for front-end development, mentoring junior engineers, and driving the implementation of coding standards for REI's web platforms.

Front-End Engineer, DivergeIT, Inc

05/2013 – 09/2014

- **Collaborated with cross-functional teams** to design and build scalable web solutions, ensuring the smooth integration of backend APIs (RESTful, GraphQL) with front-end systems.
- **Enhanced performance** by optimizing load times and reducing First Contentful Paint (FCP) through best practices like code splitting, lazy loading, and image optimization.
- **Integrated third-party APIs for real-time data** synchronization and feature enhancements, including payment gateways, geolocation services, and data visualization tools.
- **Built and maintained reusable UI components** following design systems and UI/UX guidelines, improving development speed and consistency across projects.
- **Led the migration of legacy codebases** to modern frameworks and architectures, ensuring long-term maintainability and improved development efficiency.
- **Contributed to Agile development cycles**, actively participating in sprint planning, stand-ups, and retrospectives, ensuring timely delivery of high-quality features.

EDUCATION

University of California,
Bachelor's Degree / Computer Science

09/2009 – 04/2013