

KEVIN WATHEN

FULL STACK DEVELOPER - REACTJS / REACT NATIVE, NODEJS, PYTHON

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Summary

13 years of experience designing and delivering **high-performance web applications** with a focus on **scalability, UX optimization, and agile execution**.

- **Technical Leadership:** Spearheaded end-to-end project delivery—from architecture to deployment—for diverse applications, collaborating with **cross-functional teams** and stakeholders.
- **Full-Stack Expertise:** Deep proficiency in **React.js, TypeScript, Node.js, and Python**, with a strong balance between **backend robustness** and **frontend performance**.
- **Agile & Independent:** Proven ability to **lead projects independently**, adapt to shifting priorities, and deliver solutions under tight deadlines while maintaining **clear client communication**.
- **Performance-Driven:** Optimized **user experience (UX)** and technical architecture to drive measurable improvements in application speed, reliability, and maintainability.

Key Skills: React.js, TypeScript, Node.js, Python, Agile Development, Technical Architecture, UX Optimization, Cross-Functional Collaboration

Experience

FULL STACK DEVELOPER (REACTJS, NODEJS, PYTHON)

Groundswell

06/2021 - 12/2024

Technologies: ReactJS, Redux, TypeScript, Next.js, Node.js, Express.js, Python, Django, Unit Test, Jest, Playwright, pytest, AWS, SonarQube, Storybook, Tailwind CSS, HTML5, CSS3, RESTful APIs

- Led the development of a **Fintech dashboard** (React/TypeScript + Node.js), enabling real-time analytics for **10K+ users** and reducing **API latency** by **35%**.
- **Enhanced platform scalability** for a **high-traffic client**, enabling seamless handling of **10,000+ concurrent users** during peak sales events.
- **Pioneered AI-driven features** by integrating **OpenAI APIs** to power automated customer support, personalized recommendations, and dynamic chatbots - boosting user engagement by **40%**.
- **Established development best practices** through rigorous code reviews, CI/CD pipelines, and Agile sprints.
- Developed an **interactive learning platform** with AI-powered tutoring features, increasing student retention by **40%**.

FULL STACK DEVELOPER (REACTJS, PYTHON)

Pypestream

03/2018 - 05/2021

Technologies: React.js, Next.js, Mobx, XState, RxJS, TypeScript, React-Flow, Lit, Shoelace, Storybook, GraphQL, Apollo Client, MongoDB, Kubernetes, GitHub Actions, Datadog, Sentry, Cypress, Percy, JSON, LaunchDarkly, Yup, Vite, ESLint, Prettier, i18n, Agile, HTML5, OpenAI

- **Developed AI Chatbots:** Engineered AI chatbots that provide a seamless, app-like experience, enhancing customer satisfaction and driving adoption through intuitive self-service conversations.
- **Advanced Microapps:** Contributed to the creation of sophisticated microapps that preempt the need for agent handoffs by delivering real-time resolutions, effectively supporting customers at every stage of their journey.
- **Optimized React performance:** Reduced re-renders (React.memo, useMemo), code-splitting, lazy-loading.
- **CI/CD Implementation:** Partnered with the DevOps team to implement continuous integration and continuous delivery (CI/CD) practices, cutting software release times by 50% and reducing production issues by 30%.
- **Automated Testing:** Deployed automated testing platforms and unit tests using Jest, Cypress, and Percy, resulting in a 40% reduction in bugs and a significant improvement in overall code quality.

React Front End Developer

SpinSci Technologies

07/2015 - 02/2018

Technologies: React.js, Redux, TypeScript, Formik, Yup, Unit Test, Jest, Cypress, Ant-Design, Storybook, Mirth Connect, PostgreSQL, JSON, AWS Lambda, Amazon EC2, AWS Amplify, HL7 Standards, TailwindCSS

- **Developed Scheduling System:** Created a scheduling system that allows patients to effortlessly book appointments via voice, text, or chat, supporting both Direct and Open schedules.
- **Implemented real-time payment processing system:** Designed a billing system that enables patients to make payments conveniently through voice or chat, with automatic reconciliation in the EHR.
- **Streamlined Patient Registration:** Simplified the registration process for both new and existing patients using voice, text, or chat.
- **Enhanced Patient Engagement:** Collaborated with the Patient Engagement team to empower patients with self-service operations, enabling them to manage their healthcare workflows independently.
- **Mentorship and Coaching:** Mentored and coached junior developers, leading to a 10% improvement in team satisfaction scores and a 15% increase in overall team productivity.

Experience

SOFTWARE ENGINEER

TeraThink Corporation

02/2012 - 06/2015

- **Responsive web design:** As a freelancer, developed responsive, user-friendly web interfaces that enhanced user experience across multiple devices, leveraging the latest front-end technologies to meet client requirements and deliver engaging solutions.
- **API Integration and Development:** Developed and integrated custom APIs for client applications, ensuring seamless communication between front-end and back-end systems.
- **Orchestrated inter-departmental meetings** with UX designers and back-end developers to align project objectives; streamlined workflows that reduced project delivery time by 15 days and increased team productivity by 20%.

Education

Holy Names University

Bachelor's Degree in Information Technology

Oakland, CA

2007 - 2011

Skills

Languages & Scripts: JavaScript, HTML5, CSS3, TypeScript, SQL, Bootstrap, Python, HTML

Front-end Development: React.js, React Native, Next.js, MUI, Tailwind CSS, Storybook, Gatsby, Preact, Svelte, Ember.js, D3, OpenAI

Back-end Development:

Node.js, Nest.js, Django, REST, GraphQL, RESTful APIs, Mongoose, Sequelize, TypeORM, Prisma, AWS, Flask, FastAPI, Java, Spring Boot, Swagger, OpenAI

Test-Driven Development: Jest, Enzyme, React-Testing, Cypress, Playwright, Mocha, Chai, unittest, pytest, Jenkins, CircleCI, GitHub Actions

Database Technologies: MySQL, PostgreSQL, MongoDB, SQLite, Redis, Elasticsearch




Debugging & Monitoring:

SonarQube, Sentry, Datadog, Redux Dev Tools, PDB, Git, SEO, Object Oriented Programming, Gulp, Functional Programming, Webpack, Asynchronous Programming







Soft Skills:

Communication, Problem-Solving, Teamwork, Time Management, Attention to Detail, Continuous Learning, Critical Thinking, Adaptability, Creativity

Strengths

 Problem-solving Skills Proven ability to troubleshoot and resolve complex technical issues, ensuring smooth and efficient application performance.	 Team Collaboration Strong team player with effective communication skills, capable of collaborating with cross-functional teams to achieve project goals.	 Performance Optimization Experience in optimizing application performance through code refactoring, load balancing, and efficient database queries.
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Key Achievements

 Advanced NextJS Development Focused on server-side rendering and static generation techniques, provided by Coursera.	 React and Modern JavaScript Covers hooks, contexts, and advanced components, offered by Udemy	 Improved Application Performance Optimized a legacy application, reducing page load time by 40% through code refactoring and better API management.
 Enhanced Data Insights Developed interactive data visualization dashboards using D3.js and Charts.js, enabling real-time insights for business stakeholders and reducing data analysis time by 30%	 OpenAI Experience Built AI-powered chatbots using OpenAI's GPT models to provide real-time, automated customer support, reducing response time by 50%.	 Mapbox Centric Apps Built a location-based app using Mapbox for real-time geospatial data visualization and custom map functionalities, enhancing user experience and boosting engagement by 20%.