

KEVIN WATHEN

FULL STACK DEVELOPER - REACT, NODEJS, PYTHON

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SUMMARY

A results-oriented Full Stack Developer with 12 years of hands-on experience delivering high-performance web applications. My background includes extensive experience collaborating with cross-functional teams and stakeholders to ensure seamless project delivery from concept to deployment. I bring a balanced approach to development, focusing on both the technical architecture and end-user experience.

With a strong foundation in agile practices, I have consistently driven successful project outcomes while adapting to shifting priorities and client needs. My experience working as a freelancer has further refined my ability to manage projects independently, meet tight deadlines, and maintain clear communication with clients to ensure project goals are met efficiently and effectively.

WORK EXPERIENCE

FULL STACK TEAM LEAD (REACT, NODEJS, PYTHON)

2021.6 - 2024.8

Groundswell

Technologies: React, Redux, TypeScript, Next.js, Node.js, Express.js, Python, Django, Jest, Playwright, pytest, AWS, GitHub Actions, SonarQube, Storybook, Tailwind CSS

- **Led Cross-functional teams:** Managed a team of developers in building cutting-edge web applications, ensuring smooth integration between the front-end and back-end.
- **Architected Scalable Solutions:** Designed and implemented robust, scalable architecture while ensuring the highest standards of performance, security, and maintainability across all project layers.
- **Mentorship:** As a technical mentor, guided team members through complex problems and encouraging growth, while ensuring the delivery of high-quality, clean code.
- **Collaboration:** Collaborated with stakeholders to understand business objectives and translate them into technical solutions, aligning development goals with client needs.
- **Drive Continuous Improvement:** Oversaw code reviews, established best practices, and encouraged a culture of continuous improvement through iterative feedback, Agile methodologies, and performance optimization.

SENIOR FULL STACK DEVELOPER (REACT, PYTHON)

2018.3 - 2021.5

Pypestream

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, LaunchDarkly, Yup, Vite, ESLint, Prettier, i18n

- **Created AI chatbots** that deliver a seamless, app-like experience with the convenience of a self-service conversation that drives adoption and delights customers.
- **Contributed to the development of the microapps** that are advanced and powerful tools that preempt the need for agent handoffs by providing in the moment resolutions, meeting your customers wherever they are on their journey.
- **Collaborated with the DevOps team** to implement continuous integration and continuous delivery (CI/CD) practices, reducing software release times by 50% and minimizing production issues by 30%.
- Implemented **automated testing platforms** and unit tests with Jest, Cypress, and Percy, reducing the number of bugs by 40% and improving overall code quality.

FULL STACK DEVELOPER (REACT, MIRTH CONNECT)

2015.7 - 2018.2

SpinSci Technologies LLC

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

- Developed the **scheduling system** that enables patients to easily schedule appointments through voice, text, or chat with Direct or Open schedules.

- Implemented the **billing system** that empowers patients to conveniently make payments via voice or chat, while we automatically reconcile payments in your EHR.
- Simplified **patient registration** with voice, text, or chat, whether they're new or existing patients.
- Worked on **Patient Engagement** team to allow patients to perform self-service operations to take control and manage their own healthcare workflows.
- **Mentored and coached** junior developers, resulting in a 10% improvement in team satisfaction scores and a 15% increase in overall team productivity.

SOFTWARE ENGINEER

2012.2 - 2015.6

TeraThink Corporation

Technologies: HTML5/CSS3, jQuery, AngularJS, WordPress, Node.js, PHP, Grunt, Jasmine, Mocha, WebSockets, CI/CD, MySQL

- **Responsive web design:** Built responsive, user-friendly web interfaces to enhance user experience across devices, using the latest front-end technologies
- **API Integration and Development:** Developed and integrated custom APIs for client applications, ensuring seamless communication between front-end and back-end systems.
- **Cross-team Collaboration:** Worked closely with UX designers, project managers, and back-end developers to optimize application performance and achieve project goals efficiently.

PROFESSIONAL SKILLS

Languages

HTML, CSS, JavaScript, TypeScript, Python, C/C++, C#

Front-end Technologies

React, Redux, React Native, Next.js, Svelte, Gatsby, Preact, Ember.js, Lit, Alpine.js, Tailwind CSS, Electron

Back-end Technologies

Node.js, Nest.js, Express.js, Koa.js, Fastify, GraphQL, Mongoose, Sequelize, TypeORM, Prisma, AWS
Django, Flask, FastAPI, Tornado, RabbitMQ, Pyramid

Database Technologies

Relational Databases: MySQL, PostgreSQL, SQLite, Oracle
NoSQL Databases: MongoDB, Redis, Firebase Firestore, Elasticsearch, AWS DynamoDB

Test-Driven Development

JavaScript Testing Frameworks: Jest, Mocha, Chai, Cypress, Playwright, Karma, Jasmine
Python Testing Frameworks: unittest, pytest
Continuous Integration (CI) Tools: Jenkins, CircleCI, GitLab CI, GitHub Actions

Debugging & Monitoring

Sentry, Datadog, SonarQube, Redux DevTools, PDB

EDUCATION

BACHELOR OF SCIENCE
Holy Names University

(2007 - 2011)