KEVIN WATHEN

FULL STACK DEVELOPER - REACT, NODEJS, PYTHON

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SUMMARY

A results-oriented Full Stack Developer with 12 years of experience delivering high-performance web applications as an **independent freelancer**. I have successfully directed and executed diverse projects, collaborating with cross-functional teams and stakeholders to ensure seamless project delivery from concept to deployment. My approach balances technical architecture with a focus on optimizing the end-user experience.

With a strong foundation in agile practices, I consistently drive successful project outcomes while adapting to shifting client priorities. Freelancing has honed my ability to work independently, manage multiple projects concurrently, meet tight deadlines, and maintain transparent communication with clients to ensure their objectives are met efficiently and effectively.

WORK EXPERIENCE

SENIOR FULL STACK DEVELOPER (REACT, NODEJS, PYTHON)   2021.6 - 2024.10
Groundswell

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

- Directed a team of developers to create innovative web applications, ensuring seamless integration between front-end and back-end systems.
- Engineered robust, scalable architectures that uphold the highest standards of performance, security, and maintainability across all project layers.
- Acted as a technical mentor, guiding team members through complex challenges and fostering growth, while ensuring the delivery of high-quality, clean code.
- Partnered with stakeholders to understand business objectives and translate them into technical solutions, aligning development goals with client needs.
- Led code reviews, established best practices, and promoted 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

- **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.
- **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.

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 **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 **Billing 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.

SOFTWARE ENGINEER
TeraThink Corporation

2012.2 - 2015.6

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

- **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%.

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

Java, Spring Boot, Java EE, Memcached, JUnit

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)