KEVIN WATHEN

FULL STACK DEVELOPER - REACT.JS, NODE.JS, PYTHON

📞 +17073568505   @ kevinwathen775@gmail.com   🔗 https://kevin-m-wathen.netlify.app   📍 Atlanta, GA

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.

PROFESSIONAL EXPERIENCE

SENIOR FULL STACK DEVELOPER (REACT.JS, NODE.JS, PYTHON)

Groundswell   📅 06/2021 - 10/2024

Technologies: Reactjs, Redux, TypeScript, Next.js, Node.js, Express.js, Python, Django, Unit Test, Jest, Playwright, pytest, AWS, GitHub Actions, SonarQube, Storybook, Tailwind CSS, Agile, HTML5, CSS3

- 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.JS, 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, CSS3

- **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%.

SKILLS

Languages & Scripts

JavaScript   HTML5   CSS3   TypeScript
Python   SQL   HTML

Front-end Development

React   React.js   Next.js   MUI
React Native   Tailwind CSS   Storybook
Gatsby   Preact   Svelte   Ember.js

Back-end Development

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

Test-Driven Development

Jest   Enzyme   React-Testing
Cypress   Playwright   Selenium
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

PROFESSIONAL EXPERIENCE

- **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.

FRONT END DEVELOPER (REACT.JS, MIRTH CONNECT)

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

- 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   🗓 02/2012 - 06/2015

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%.

EDUCATION

Bachelor of Science, Computer Science

Holy Names University   🗓 2007 - 2011   📍 Oakland, CA

KEY ACHIEVEMENTS

🏅 **Chatbot implementation**
Developed an AI chatbot which helped customer to reduce costs by 240% in their customer service department

🏅 **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%

🏅 **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%.

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.

NOTABLE CERTIFICATION

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