Keaton R Wineman

linkedin.com/in/keatonwineman github.com/wineman3 keatonwineman.com

Senior Software Engineer

keatonwineman@gmail.com (419)-706-0956 Denver, CO

Profile Summary

- Accomplished Software Engineer with over 5 years of experience in leading and delivering highly visible, complex projects within fast-paced environments. Proven expertise in developing data center diagnostic and recovery services and scalable API microservices at Microsoft. Actively involved in developing a major upcoming product at Avaya that will enhance how clients construct, manage, and publish communication workflows.
- Talented Full-Stack Developer with expertise in programming languages (JavaScript/TypeScript), frameworks (React, Node.js, Express), databases, as well as Cloud & DevOps technologies.
- Engaged collaborator with strong interpersonal skills, able to influence and align multiple teams with conflicting priorities to drive progress under aggressive time constraints.
- Able to effectively navigate ambiguity, complexity, and change when stakes and pressure are high, and lead without authority to overcome obstacles and ensure delivery.

Education

The Ohio State University
B.S.B.A., Management Information Systems, Computer and Information Sciences Minor
Columbus, OH, 2014-2018

Certifications

Amazon Web Services
Certified Cloud Practitioner

Technical skills

Languages: JavaScript, TypeScript, Kotlin, Java, C#, SQL, HTML, CSS, Python

Frameworks & Libraries: React, Node.js, Next.js, Express, Angular, Bootstrap, Chakra UI, Material UI, .NET, Spring Boot

Databases: MySQL, Postgres, MongoDB, DynamoDB

Dev Tools: Git, Jenkins, Postman, Visual Studio, Visual Studio Code, Azure DevOps, GitHub, GitLab, SonarQube, PagerDuty, Grafana, Kibana

Cloud & DevOps: AWS, Azure, Google Cloud, Docker, Kubernetes, Helm, Serverless, CI/CD, GitHub Actions

Concepts & Methodologies: APIs, Microservices

Testing Frameworks: Jest, Cypress, MSTest, JUnit, Playwright

Professional Experience

Avaya Senior Software Engineer
Remote Sep. 2023 - Present

- Spearheading development efforts of the User Interface for a new product slated for release in Summer 2024, enabling clients to construct, manage, and publish communication workflows from scratch using a sophisticated flowchart, drag-and-drop interface. Utilizing React, TypeScript, Material UI, Node, Express, CSS, and Jenkins.
- Collaborating closely with team members to prioritize MVP features, while also ensuring timely resolution of critical bug fixes. Playing a key role in strategic planning for the next development phase, focusing on scalability and enhanced functionality to meet evolving user needs.
- Overseeing and enhancing code quality for repository changes by providing detailed feedback during the pull request review process, and advocating for improvements, such as stricter TypeScript models, and reduced code redundancy.
- Conceptualized and developed the Instance Viewer, a new feature that enables users to filter and analyze historical workflow executions. This tool provides insights into how workflows function and perform for our clients through detailed statistics and event logs, enhancing decision-making and operational transparency.
- Introduced a new error management strategy using centralized and specific error boundary components for various sections of the application. This approach improves error handling capabilities, ensuring errors are managed more effectively while maintaining a high-quality user experience.
- Playing a key role in the development and maintenance of our rigorous testing suite. Utilized Playwright for end-to-end testing and Jest for precise unit testing, significantly advancing code reliability and expanding test coverage.

Microsoft Software Engineer II
Remote Aug. 2022 - Sep. 2023

- Designed and implemented diagnostic and recovery services for the Azure Datacenter Platform team, contributing to the enhancement of server reliability, traceability and uptime of servers within Azure's datacenters, delivering clean and scalable code using C# and the .NET stack.
- Delivered full-stack features for the Dynamics 365 Commerce team, concentrating primarily on Customer Engagement and Loyalty Workflows, leveraging C# and .NET, TypeScript, React, Node.js and SQL.
- Conducted rigorous testing using MSTest and other testing libraries, leading to the identification and fixing of multiple bugs and achieving 85% test coverage on average.

CapTech Consulting ↗   **Columbus, OH** Apr. 2021 - Aug. 2022

Senior Consultant, Software Engineering
- Developed a ledger API microservice for a FinTech startup, utilizing Kotlin and Spring Boot, streamlining financial transaction efficiency for all card programs, reducing server load and process redundancy and enhancing daily, weekly, and monthly account statement generation.
- Implemented a pub/sub system for a debit card API for a FinTech startup, using Node.js, TypeScript, Express, Google Cloud and PostgreSQL, enhancing marketing email automation, allowing for the transfer of marketing data to Snowflake for data analysis and to Customer.io for rich email markup. Designed and implemented a set of API endpoints that enabled the marketing team to track user acquisition sources, leading to improved user targeting.
- Lead the introduction of custom error metrics and alerting for the debit card API team for a FinTech startup, utilized Prometheus for error metrics, PagerDuty for alerting and introduced SonarQube for static code analysis.
- Engaged with senior client contacts to understand business use cases, and gather requirements for solution design.
- Mentored and managed two junior consultants, providing technical guidance and assumed direct responsibility for their professional development, empowering them to learn new skills and grow in their career.
- Created clear documentation to assist in onboarding new developers to the debit API team for a FinTech startup.

Developer/Consultant   Jan. 2019 - Mar. 2020
- Created a responsive website for a local non-profit utilizing React.js/Gatsby.js, GraphQL and Wordpress as a headless Content Management System, which significantly enhanced the site's user experience and responsiveness.
- Built a proof-of-concept serverless AWS/Python application with Angular that allowed caregivers to set automated phone call reminders for patients, and subsequently transcribed patient responses into text messages.

Neudesic ↗ Software Engineer   **Columbus, OH** Mar. 2020 - Mar. 2021
- Developed an event-driven architecture solution for a client in the accounting industry using C# with Azure Functions, CosmosDB with MongoDB, .NET core, and Azure Service Bus, which provided a materialized view via an API endpoint, leading to more efficient data retrieval.
- Created a .NET Core API template for the same industry, incorporating tools such as Swagger for API documentation, CORS policies, and identity server authentication. Furthermore, delivered multi-staged CI/CD pipelines utilizing Azure's infrastructure as code technology, accelerating deployment processes significantly.

VectorOne ↗ Software Engineer (intern)   **Columbus, OH** Sep. 2018 - Jan. 2019
- Developed a ticketing application for trampoline parks using Angular, .NET Core/C#/Azure Functions, streamlining the reservation process. Additionally, created an app for transferring files across AWS S3 buckets, employing Angular, AWS Lambda, and Python technologies, significantly improving data mobility.

J.P. Morgan Chase ↗ Software Engineer (intern)   **Columbus, OH** Jun. 2017 - Aug. 2018
- Developed the user interface for Chase's private cloud onboarding web application, using AngularJS and HTML technologies, enhancing the experience of adding new applications.
- Shadowed Senior Engineers, seeking opportunities to contribute while observing their work to learn best practices.

Freelancing Experience

Relay Product Collective ↗ Software Developer (Freelance/Part-Time)   **Remote** Aug. 2022 - Apr. 2023
- Spearheaded the development of an intuitive health and wellness application for a pre-seed startup using cutting-edge technologies like React.js, TypeScript, Chakra UI, Firestore, and Firebase Authentication.
- Worked closely with stakeholders to align the application's features with business requirements and user needs and conveyed challenges and opportunities in a clear and concise way, adapting the message to the client's specific technical literacy.

Thinkful ↗ Technical Expert & Mentor (Part-Time)   **Remote** Sep. 2020 - Dec. 2021
- Mentored students in Thinkful's Bootcamp, whose curriculum consisted of HTML/CSS, jQuery, Node.js, TypeScript, Express, and React technologies, resulting in successful student development throughout their educational journey.