

Keen Wilson

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Github: github.com/keenwilson | LinkedIn: [linkedin.com/in/keenwilson](https://www.linkedin.com/in/keenwilson) | Portfolio: <https://keenwilson.github.io>

SUMMARY

Keen has full-stack programming experience designing, writing, and deploying rich web applications with test coverage on a weekly sprints CI/CD DevOps basis. She architects and engineers front-end user interface (HTML, CSS, JavaScript, React, Typescript, Redux) with accessibility standards (WCAG, ADA), back-end APIs (NodeJs, Python), and database relationships and modeling (SQL, NoSQL, ORM). Keen also works with cloud technologies (AWS), configuration management (Kubernetes, Docker, Terraform), automated testing, and CI/CD (Bazel, CodePipeline, GitLab).

Keen enjoys working with the entire application stack, collaborating with market-oriented teams to build user-focused applications, solving complicated problems, and delivering clean, functional, well-documented software in a highly collaborative, remote-friendly environment.

EXPERIENCE

Optimally / Software Engineer (Remote-First)

July 2020 - Nov 2021, Leawood, Kansas

An expense reduction technology platform that helps businesses save money on operating expenses

- Prototyped, built, tested, and debugged Optimally's responsive progressive-enhanced data-driven scalable front-end applications (HTML, CSS/LESS, JavaScript, React, React Hooks, React Testing Library)
- Configured CORS support for private Kubernetes services to communicate with AWS API Gateway
- Architected, developed, and tested object-oriented REST APIs (Python)
- Defined access pattern and optimized pagination query to NoSQL database service (AWS DynamoDB)
- Wrote, planned, and applied infrastructure as code using declarative configuration files (Terraform)
- Formulated attribute-based access control (ABAC) to ensure platform security
- Automated build and test optimization (Bazel); implemented DevOps techniques and processes to improve platform quality, cost-effectiveness, and product feedback loop

Finsignum / Software Engineer

February 2019 - July 2020, Prairie Village, Kansas

Healthcare financial budgeting and forecasting consulting

- Developed and tested consulting visualization dashboards (HTML, CSS, JavaScript, React, state management)
- Built and refactored a private Python library that contains standard data analysis code (Python Pandas, SQL)
- Wrote automated testing in JavaScript (Jest, Enzyme) and Python (unittest, Pandas DataFrame)
- Architected and deployed event-driven data processing microservices on AWS with the serverless framework
- Configured processing queues, application integrations, and low-latency user feedback (AWS SES, SNS, SQS)
- Monitored and traced application performance (Sentry, AWS CloudWatch)
- Documented weekly changelog to convey noteworthy changes to stakeholders

Sabbatical / Freelance Web Developer

June 2016 - February 2019, Kansas City, Missouri

Three-year sabbatical to raise two small children in three different cities around the world, i.e., Bangkok, New York City, and Kansas City

- Created static marketing websites with HTML, CSS, and JavaScript
- Volunteered as a mentor to help beginners learn how to build web applications at Coding & Cocktails, introductory coding series organized by Kansas City Women in Technology

Wunderman Thompson (formerly JWT Bangkok) / Account Manager

October 2015 - June 2016, Bangkok, Thailand

Part of the WPP Group, one of the world's largest communications corporations.

- Managed cross-functional teams on projects which created promotional materials for consumer goods clients across Southeast Asia, and was involved in Social Media Marketing, and Search Engine Optimization (SEO)

EDUCATION

University of North Carolina Kenan-Flagler Business School / MBA

Chapel Hill, North Carolina

University of Kansas / Full Stack Web Development Bootcamp

Overland Park, Kansas

Chulalongkorn University / BA in Communication Arts (GPA 3.65)

Bangkok, Thailand