

Kesean Woodhouse

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SOFTWARE ENGINEER | SOLUTIONS IMPLEMENTATION, CLOUD & API INTEGRATIONS

I build and integrate the systems that connect engineering teams to the customers, analysts, and stakeholders downstream of them. Six years of experience across automation and tooling that reduces manual workload, monitoring and alerting that keeps services reliable, and translating between technical and non-technical stakeholders. Stack spans C#, Python, JavaScript/TypeScript, and cloud platforms including Azure, Vercel, and Railway.

SKILLS

Languages: Python, C#, JavaScript, TypeScript, SQL, PowerShell, HTML, CSS, XAML

Cloud & DevOps: Azure (Data Factory, Functions, SQL, App Services, DevOps), CI/CD, GitHub Actions, Git, Vercel, Railway

Monitoring & Operations: Production monitoring and alerting, on-call support, automated tooling, toil reduction, ETL pipelines

Backend & APIs: Flask, REST APIs, Webhooks, Anthropic SDK

Data & Frontend: Power BI, React, Vite, Tailwind CSS

EXPERIENCE

Self-directed

Mar 2024 - Present

Independent Software Engineer / Technical Consultant

Seattle, WA (Remote)

- Self-directed software work and study, staying current with modern development and cloud tooling through hands-on projects
- Built Golem, a chatbot integration project (Python/Flask, React/TypeScript) deployed end to end on Railway and Vercel with GitHub Actions CI/CD and the Anthropic SDK, as practice wiring an application together across services
- Source: github.com/kesean/Golem

Microsoft

Apr 2022 - Mar 2024

Software Engineer, Security

- Built Azure Data Factory pipelines exposing tenant risk scoring and supporting fields to the security analysts triaging malicious Azure tenants, with row-level security scoping each team's tenants to that team
- Designed production database monitoring and alerting for ~25 security analysts using Azure Logic Apps and SQL, covering pipeline failures and data-quality checks and enriching on-call alerts with richer diagnostic data
- Built and maintained Azure data ingestion pipelines processing security telemetry across multiple tenants, covering implementation in C#, deployment, and ongoing monitoring
- Supported on-call for analyst-authored scripts running on the platform, diagnosing failures, restarting and correcting them, and walking analysts through fixes

Stripe

Oct 2021 - Mar 2022

Integration Engineer

- Worked enterprise integration tickets involving feature-flag configuration, deployment validation, and API/webhook troubleshooting across the Stripe platform
- Partnered with account managers and customer engineering teams on payment integration support

Microsoft

May 2019 - Oct 2021

Software Engineer

- Delivered features in C# and XAML for the Tips app, a built-in Windows application, including personalized recommendations and operational enhancements
- Adapted the Tips app UI for Surface Neo's dual-screen form factor, designing new layouts and interaction patterns (device ultimately cancelled)

- Ran a weekly internal speaker series across 4 teams plus guests from other orgs, building a self-serve submission flow and recruiting speakers through their managers
- Promoted from L59 to L60 based on cross-team delivery and ownership

Microsoft LEAP

Nov 2018 - Mar 2019

Apprentice Software Engineer

- Selected for Microsoft's 16-week apprenticeship for non-traditional engineering candidates, including a C# classroom phase and group project
- Built a data architecture proof of concept for field-seller analytics, testing two routes from Databricks to Power BI and reporting that neither met the required refresh window with the connectors available at the time

Dynamic Yield

Jan 2018 - Nov 2018

Solutions Engineer

- Built and maintained demo environments showcasing recommendation and personalization strategies, including custom PDPs, hero pages, and product feeds with JavaScript-based SKU field mapping, implemented alongside account executives for enterprise clients

Microsoft Store

May 2014 - Jun 2017

Product Advisor

- Delivered one-on-one customer technical training on Windows, Word, Excel, and PowerPoint, plus group classes for youth and adult audiences, across the Roosevelt Field and NYC Fifth Avenue flagship stores
- Took over the flagship store's events program mid-season when its coordinator became unavailable, rebuilding the booking schedule and running overlapping school groups in parallel by reconfiguring store space rather than rescheduling customers
- Set up new devices with customers from scratch, covering account sign-in and first-run orientation, and supported merchandising and planogram work including the Fifth Avenue flagship build-out

EDUCATION & CERTIFICATIONS

Flatiron School

2017

Full-Stack Web Development (Ruby on Rails, React)

Boot.dev

2024-2026

Python (intro, OOP, functional programming), TypeScript, Linux, Git