

Phil Daniels

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Frontend and Full Stack Software Engineer specializing in shipping AI driven experiences to millions of users

Professional Experience

Senior Software Engineer, Microsoft

May 2024 - Present, Windsor, CO

- Currently on a *Frontend Engineering* team building *Workflows Agent*, an agent in *M365 Copilot* that can be used to automate work using natural language (<https://aka.ms/workflowsagentgs>) Tools and tech used every day include *React*, *.NET*, and *Azure*.
- Developed AI Driven features utilizing *Large Language Models* (LLMs), and *Agents* to enhance user productivity
- Implemented *observability* and proactively monitoring features.
- Contributed to open source repositories utilized by product
- Resolved Livesite (On-call / SRE duties) production issues for customers. Livesite champion for team, analyzed and decreased wakeup calls for team by 50% and decreased Incidents per day by 20%
- Guided and mentored team in Frontend excellence; Member of Frontend Expert Group within organization with special ownership over frontend repo.

Senior Software Engineer, Ensemble Health Partners

June 2023 - April 2024, Windsor, CO

- Fullstack Engineer, Leader, and Decision maker for the *Platform Engineering* team; tools and tech used every day include *Terraform*, *TypeScript*, *React*, *.NET*, and *Go*, hosted in *AWS* and *Azure*
- Launched a custom *React* based Micro-frontend hosting solution for Ensemble applications. Reduced technical debt by collapsing multiple applications into a single platform, increasing user productivity and improving application change time to market. Leveraged *Terraform*, *React*, *Go*, and *Cloud Storage*. Decreased frontend hosting costs for organization by 30%.
- Designed and Developed a *GraphQL* based user and identity management platform, using *NextJS*, *Serverless Functions*, and *MongoDB*; integrated with Ensemble's *Identity as a Service* provider. Pattern implemented organization wide and leveraged by Hosting Solution. Accelerated launch of new applications.

Senior Software Developer, UL Solutions

Feb 2017 - June 2023, Laramie, WY

- Technical Leader and Mentor for an ecosystem of applications containing 3 Agile teams.
- Led refactoring of existing On-Prem Monolith into *Micro-service Architecture*, using *Docker* and *Kubernetes*. Collaborated with Partner teams (DevOps/SRE) to decrease operational, hosting, and development costs by 400k/year
- Developed mobile application and PWA using *React Native* and *Firebase*, increasing staff productivity 50%

Skills

Languages: JavaScript, TypeScript, C#, SQL, Rust, Go

Frameworks: React, React Native, NextJS, Node, .NET

Tools: Azure, AWS, Firebase, Docker, Kubernetes, Terraform, Github Actions

Libraries: Mocha, Jest, Chai, Tailwind, Redux, GraphQL, Playwright

Education

B.S., Computer Science, University of Wyoming

Aug 2012 - Dec 2016, Laramie, WY