

Phil Daniels

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Full Stack, Cloud First, Software Engineer

Professional Experience

Senior Software Engineer, Ensemble Health Partners

May 2023 - Present, Windsor, CO

- I am a 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 *Stargate*, a *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 *Locksmith*, a *GraphQL* based user and identity management platform, using *NextJs, Durable/Step Functions, MongoDB*; integrated with Ensemble's *Identity as a Service* provider. Pattern implemented organization wide and leveraged by *Stargate*. Accelerated launch of new applications.
- Led development of new Customer Onboarding system, using *React, Node, API Gateways, MongoDB* and *SQL*. Simplified Customer Onboarding experience for Ensemble Clients.
- Delivered *Emissary*, a Organizational Notifications engine, using *Event-Driven Architecture, Cloud Message Delivery*, and *Cloud Functions*. Unified disparate notification delivery at Ensemble and streamlined adding push, email, and channel notifications to future and current applications.
- Created *Insignia* an Organizational, Client Side Authentication library. Used tools and technologies like *React, OAuth, and Vite*. Alongside *Locksmith*, this significantly reduced client side boiler-plate for the organization and simplified Authentication and Authorization for Application teams.

Senior Software Developer, UL Solutions

Feb 2017 - May 2023, Laramie, WY

- Technical Leader, Mentor, and Pull Request Reviewer 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*
- Reworked legacy mission critical product, with *Angular, SQL*, and *.NET*, increasing user sentiment scores by 20%
- Developed mobile application and PWA using *React Native* and *Firebase*, increasing staff productivity 50%
- Migrated Sharepoint Search to *AI Driven Search*, increasing performance and app SLA from 99% to 99.99%
- Migrated On-Prem SQL Server infrastructure to *Cloud SQL*, and implemented *Application Performance Monitoring*. Decreased storage costs 30%

Skills

Languages: Javascript, Typescript, C#, SQL, Go

Frameworks: React, React Native, NextJs, Angular, Node, .NET

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

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

Education

B.S., Computer Science, University of Wyoming

Aug 2012 - Dec 2016, Laramie, WY

Certification: *Microsoft Certified Azure Developer Associate (AZ-204)* (Feb 2024)

Certification: *SAFe Agile Certified Practitioner* (Nov 2019)