

Peter Travers

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MongoDB

January, 2024 - Present

Senior Software Engineer

- I architected and built a new billing system that cut the median time to bill from 20 minutes to < 1 minute.
- Contributed to Serverless Connection Pooling and migrating tenants between databases.

Beyond Identity

August, 2021 - October, 2023

Senior Software Engineer (Manager) - Authenticators Team

February, 2023 - October, 2023

- I grew the team into owning two new code bases in new languages and the entire client side authentication experience.
- Represented Beyond Identity in Working Groups and as an alternate to the Board of the FIDO Alliance.
- Re-architected the credential enrollment flow and removed significant technical debt.

Senior Software Engineer (Manager) - Policy Team

October, 2022 - February, 2023

- Increased output of the team by re-organising the roadmap with product team.
- Delivered support for writing policy over automatically managed OS versions.
- Lead a FIDO server standard certification project and became a contributing member of working groups for the overall standard.

Senior Software Engineer - Policy Team

August, 2021 - October, 2022

- Delivered a new policy engine, policy programming language, language compiler, services for management and execution of the policy language. The language supports arbitrary data collection from cloud systems and consumer devices then performing property assertions on that data.
- I led efforts that decreased authentication latency by ~20% and improved authentication throughput by ~60%.
- A member of the Architecture Review Board for the company, proposed and reviewed major technical changes to the product.

Inpher

October, 2020 - July, 2021

Software Engineer

Built a scheduling system to execute computations across multiple data centers to train AI on encrypted data

Nasdaq

September, 2020

Senior Software Engineering Specialist

Updated an unsafe Java application to safe dependencies, mentored engs in AWS and built a data streaming system

Blackfynn

August, 2018 - September, 2021

Software Engineer

- I architected and built a user facing data upload service and fair scheduling system for user triggered ETL
- Designed and constructed a clinical trial data capture platform, that was HIPAA compliant, for use by the Michael J Fox foundation in its Parkinson's trials.
- Ran a lunchtime talk group covering academic papers to new features.

Comcast

January, 2018 - August, 2018

Software Engineer II

- I worked with Scala and Akka Streams to deliver video downloads at roughly 1 PiB per month.
- I was required to carry a page and be available one week a month.
- I became a maintainer of Comcast's internal Distributed Tracing implementation "Money".

Shazam

July - September 2016 and May - August, 2017

Intern

I did two contracts as an intern. First in the Intern Program rotating between teams and second with the Data and Content Team. I built and architected software, mentored other interns and learned TDD in variety of languages

The University of Aberdeen BSc, Computing Science, First Class Honours (3.8)

May, 2017

Languages: Rust, Go, Java, C++ and Scala