

Jack Kleeman

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Born: July 20, 1997

Nationality: British

Education

2015-2018 St Catharine's College, Cambridge - Economics
First class, ranked 9th/151

Work Experience & Career

2023- Founding engineer at Restate, where I lead on the development, operations and commercialization of Restate Cloud, as well as many components of Restate itself.

2021-2023 Associate at Index Ventures, where I invested in developer tools, infrastructure and security.

2020-2021 Senior Site Reliability Engineer in Apple's Cloud Infrastructure org. Led a team managing petabyte-scale distributed storage on Kubernetes.

2018-20 Senior Engineer on the Infrastructure team at [Monzo](#), where I specialised in Kubernetes, Calico, Envoy and Vault on AWS. My highlights were leading projects on secret distribution, certificate management, network isolation, and Cassandra authentication.

Recent Projects

[Restate](#). A large proportion of my work at Restate is open-source and I have led on various core features of the runtime, as well as the Go and Typescript SDK.

[egress-operator](#), a Kubernetes operator which helps to control traffic leaving your platform using ephemeral Envoy gateways.

[Cassandra authentication](#), a Vault plugin and associated tooling to issue and rotate tightly scoped Cassandra credentials for hundreds of services.

[Network isolation](#), a Kubernetes network policy system which tightly isolated thousands of services.

[calico-accountant](#), a Prometheus exporter for the Calico data path, to help with testing network policies.

[Secret distribution](#), a system which completely overhauled the way secrets are stored and managed at Monzo, using Vault.

[envoy-preflight](#), a wrapper which solves a sequencing problem when writing Kubernetes applications with an Envoy sidecar.