Jason Longshore

hello@jasonlongshore.com
github.com/longshorej
Chicago, IL, USA

An engineer with an affinity for software engineering, systems programming, and distributed systems.

EXPERIENCE

TitanClass — *Senior Software Engineer*

April 2018 - Present

· Working with Cisco to develop their IoT toolkit, streambed.io, and their xDP industry computing platform.

· Created event-driven backends, frontends, and supporting infrastructure for CI/CD.

Lightbend — *Senior Software Engineer*

January 2017 - March 2018

· Enhanced Lightbend's proprietary orchestrator, ConductR, delivering support for containers via OCI, enhanced process management, and general usability improvements.

· Implemented open source tooling to improve the experience of running Akka Cluster and Lagom applications on Kubernetes and DC/OS.

· Consulted for Lightbend's customers to help them succeed using Lightbend technology.

HPN Worldwide — *Senior Developer*

February 2008 - January 2017

· Lead developer of a tight-knit team that built a multi-tenant system for health management that powered hundreds of websites for hundreds of thousands of users.

· Designed and implemented a health record management system using event sourcing, Akka Cluster, and Akka HTTP.

· Deployed and monitored a fleets of HIPAA compliant servers.

RECENT PROJECTS

Streambed — *Core Contributor*

December 2018 - Present

An event-driven microservices toolkit built on Akka Streams for IoT, sponsored by Cisco.

streambed.io

Pantomime — *Creator*

December 2018 - Present

An actor-based concurrency and streaming toolkit for the Rust programming language.

pantomime.dev

Landlord — *Core Contributor*

April 2019 - Present

A project to reduce memory requirements of JVM-based applications by sharing the JVM.

github.com/landlord

JSaaS— *Creator*

December 2017- Present

A JavaScript execution service, built with the Rust programming language.

https://github.com/titanclass/jsaas

EDUCATION

Elmhurst College — *B.S. Computer Science*

August 2005 - May 2009