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Copenhagen, Denmark

Lucas Kjærø-Zhang

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EXPERIENCE

Software Engineer

2021-Present

Palantir

Copenhagen, Denmark

Owned and maintained internal data pipelines, empowering Finance, Legal, Recruiting, and HR to work in a data driven way. Currently expanding the Azure and Google Cloud Platform spend data pipelines to optimize cloud spend for all of Palantir, directly impacting the company's bottom line.

Software Engineer II - Fire TV

2020-2021

Amazon

San Diego, CA

Owned and performed rollout of Fire TV screensaver ads to Germany, Japan, and the United Kingdom. Expanded screensaver monitoring to build confidence in the international launch. Owned initial technical design for deep linking project that installs apps (eg Disney+) and loads selected content when users click on ads.

Software Engineer II

2018-2020

Intuit

San Diego, CA

Led a team of four engineers across two product groups to decommission a decades old tax workflow engine used by over 100 tax content developers, moving its capabilities to a newer tool in the same problem space. Migrated capabilities are used to assemble TurboTax weekly releases, determine whether a customer can file their taxes, and attribute revenue to different parts of the product.

Created data collection infrastructure and customer dashboard to allow stakeholders and senior leadership to analyze the automation level of the TurboTax release pipeline. Infrastructure used Amazon Kinesis and Elasticsearch, with React for displaying the data.

Maintained and expanded an internal continuous delivery tool used to perform all releases in the TurboTax ecosystem. Owned rolling out capability to automatically redeploy all services with the latest security patches.

PROJECTS

Fluentlabs Reader (in progress): A website to help language learners transition from textbooks to real text by giving them definitions and examples for whatever they want to read. React frontend with Python and Scala microservices managed by Kubernetes. Uses Elasticsearch for language content, and Terraform for infrastructure management. Source: *Github*

SKILLS

Technologies (Many Work Projects): Java, Python, Scala, Apache Spark, Spring Boot, SQL.

Technologies (Some Work Projects): AWS, Cassandra Docker, Elasticsearch, Javascript, Jenkins, React, Scikit-Learn, Selenium, Splunk.

Technologies (Side Projects): Django, Elixir, Keras, Kubernetes, Pandas, Terraform.

Natural Languages: Danish (Native - Heritage), English (Native), Mandarin Chinese (Working Proficiency)

EDUCATION

Austin College

Bachelor of Arts, Cum Laude, May 2015

Sherman, TX

Majors: Computer Science and Chinese

HONORS

Carnegie Mellon University - Heinz College ITLab Fellowship

Summer 2014