

# Khasan Al-Ammori

hasan.ammori@gmail.com linkedin.com/in/hasanammmori (604) 754 5980

Vancouver, BC | Remote

## Overview

Senior software engineer with 12+ years of experience in big data, backend, and leading teams. Skilled in developing data platform tooling and optimizing data pipelines.

## Technical Skills

- Programming Languages: Java, Python, Scala, Kotlin, Ruby, R
- BigData: Spark, Hive, Trino (Presto), Airflow, Superset, Cascading, Impala
- Databases: PostgreSQL, GreenPlum, Oracle
- Frameworks: Spring, Hibernate, Lucene, ElasticSearch, Selenium
- Limited knowledge: NiFi, HBase, Cascading, WEKA, DL4J, ClickHouse, Bazel

## Experience

### Capgemini - Big Data Engineer, Team Lead

September 2018 - Present

#### Clients: Airbnb, Pinterest (current)

#### Pinterest

February 2020 - Present

- Receive Pinterest Data Engineering Awards 2022 for automating migration processes for entire global engineering department
- Migrate and optimize 6k+ data jobs from Hive to Spark to reduce the runtime of data workflows by a factor of 2, and reduce compute cost by \$4 million dollars/year
- Lead 3 company-wide data education sessions with the developer community to share data processing best practices and optimizing Spark jobs with 15-48 attendees visiting each session

#### Airbnb

September 2018 - February 2020

- Developed a workflow scheduling platform used for large data validation pipelines using Java Fork Join Pool framework. It outperformed Airflow and allowed reducing the scheduling time of select workflows from 5 hours to 15 minutes, accelerating the development process for data engineers
- Implemented data-anomaly detection framework used for validation during rewriting a number of data workflows and during migrating services from Ruby to Java

#### Capgemini

- Initiated development program for internal/external hires by creating relevant coursework and projects to upskill individuals interested in data engineering, Java or Python. 20 new employees went through this educational program

### Global Logic - Big Data Developer

September 2017 - September 2018

- Built a secure cluster configuration vault using JCA (AES). The solution allowed company to fulfill its GDPR obligations and allowed usage of the product in European market
- Developed an automation tool to migrate installation scripts from in-house solution to Ansible allowing to reduce the scope of the project from 18 to 6 months
- Migrated data analytics jobs from Oracle, PostgreSQL and GreenPlum to Hadoop stack (Hive, Tez, Impala) unblocking release of the product

### TeaLao - Developer and Co-Founder

January 2017 - February 2020

- Created ecommerce project from zero to fully developed product with 1,000 MAU
- Managed:
  - Technical team of two engineers and one designer;
  - Creative team of one marketing specialist and four content creators;

- Logistic and supply chain: working with overseas partners to select, package and ship produce;
- Distribution: warehousing and delivery;

## Suggesters Solutions - Developer and Co-Founder

June 2012 - January 2017

**Clients: Lubkin Consulting LLC, Helen-Marlen, Chasopys**

### Lubkin Consulting LLC

August 2014 - January 2017

- Managed a team that successfully developed a CRM and client web portal for one of the clinics in NY driving digital transformation of client operations
- Created an "Uber for clinics" iOS and Android mobile application for the US market

### Helen-Marlen

January 2013 - November 2014

- Developed interactive display application for Mercedes-Benz Fashion Week contest for 15k users

### Chasopys

June 2012 - January 2013

- Implemented a time-based ticketing system, CRM tool, financial reporting, marketing tools for the coworking space using JavaFX, Spring, Hibernate, serving 700k visitors over the next 9 years

## Kolo Global - Automation Engineer

September 2010 - August 2012

- Accelerated marketing department efficiency by developing a tool to manage and automate user social media and web 2.0 campaigns

## Education

### Kyiv National Transport University

2017 - Present

PhD in Computer Science

Expected Graduation: September 2023

### Kyiv National University of Technologies and Design

September 2008 - June 2013

Master's in Computer Science 2008-2013

Magna Cum Laude