ALEXANDER PORTER

SKILLS

Languages:

- Kotlin
- Elixir
- Java
- Python
- PHP
- Javascript (ES6)
- C
- Rust

Tools:

- Linux/Bash
- Kubernetes/Helm
- Ansible
- Gradle
- Git
- SQL
- Redis
- Elasticsearch
- Make
- React/Svelte
- ANTLR

CERTIFICATIONS

Goethe-Institut

German B2 2017

EXPERIENCE

Sr. Software Engineer (Data Team), Lone Wolf Technologies —2023-present

Additional architecture and mentorship responsibilities added to previous role. Designed and lead major upgrades to our stack, along with a migration to AWS and Kubernetes from our previous self-hosted solution. This work included a custom job scheduler supporting cancellation and dynamic cron features not readily available in open source solutions like Celery, Airflow or Rundeck. Reduced our S3 storage volume by 50% using DuckDB to identify orphaned object keys.

Software Engineer (Data Team), Lone Wolf Technologies — 2021-2023

Kotlin, Java, SQL | Responsible for ETL software, database management, and infrastructure maintenance across three products with near real time update requirements. Proposed and lead multiple process improvements, including educating and building consensus with stakeholders. Implemented distributed rate limiting architecture to reduce costs and better respect our data vendors.

Lead Developer, English for a Song — 2019-present (Volunteer)

Full stack development for adult language learning and literacy

Software Developer, Podcast Farm, New York, NY — 2020 (Contract)

Server, The Village Vanguard, New York, NY — 2018-2020

Server, Whitney Museum (USHG), New York, NY — 2017-2018

Chairlift Operator, Montana Snowbowl, Missoula, MT— 2015-2016

Delivery Driver, Le Petit Outre (Bakery) — 2013-2014

Counselor/Piano Instructor, UM Piano Camp — 2012-2013

OSS PROJECTS

JPKG https://github.com/xcporter/jpkg

Gradle plugin for packaging and signing distributions for JVM

MetaView https://github.com/xcporter/MetaView

Gradle plugin to generate relationship diagrams from Kotlin source code

EDUCATION

University of Montana — Bachelor of the Arts: German 2016

High Honors, Outstanding Senior Award

University of Montana — Bachelor of Music: Performance 2016

High Honors