

# Zachary Corvidae

## Senior Software Engineer

Generalist engineer with a wide range of experience across web and native stacks

Portland, OR 🌲

zach@sneakycrow.dev ✉️

[github.com/sneakycrow](https://github.com/sneakycrow) 🌐

[sneakycrow.dev](https://sneakycrow.dev) 🌐

### Languages

Typescript/Javascript  
Go  
Rust  
Python  
PHP

### Libraries

React/Next/React Native  
Svelte/SvelteKit  
Axum/Polars  
Flask/Django  
Laravel/WordPress

### Infrastructure

Docker/Kubernetes  
AWS/GCP  
PostgreSQL/MySQL  
Lambda/Microservice  
Kafka/Kinesis/SQS

### Experience



#### Sneaky Crow

Founder, CTO

Jan 2019 - Present

Software Engineering studio developing custom software for indie creators

- Designed, developed, and launched Cobrashare, a file sharing platform for 3D artists
  - Planned and developed software architecture using Typescript, Node, Svelte, SvelteKit, Prisma and PostgreSQL
  - Designed and deployed containerized infrastructure using microservice architecture with GitHub Actions, AWS, and Kubernetes
- Designed, developed, and launched Sentiment Analyzer, a real-time chat analysis tool for LLM prompt engineering
  - Designed, planned, and executed containerized microservices using GitHub Actions, Polars, Python, Rust, and Kubernetes
- Developed and launched the SR Suntour Warranty application, a full-stack solution for managing warranties for a professional bike part manufacturer
  - Planned and executed software architecture using PHP, Laravel, Typescript, React, and MySQL
  - Designed and deployed containerized infrastructure using microservice architecture with GitHub Actions, AWS, Kubernetes



#### koala

Lead Infrastructure Engineer, Founding Engineer

Jan 2023- Mar 2024

A tool for creators to connect & create with their creator community

- Designed and developed core product, an iOS application (and supporting services) for connecting and collaborating locally with fellow content creators
  - Planned and developed software architecture using Typescript, React Native w/ Expo, Go, and PostgreSQL
  - Designed and deployed containerized infrastructure using microservice architecture with GitHub Actions, AWS, Kubernetes, SQS, SNS, and Expo
  - Collected and Configured monitoring and observability of application and infrastructure health using DataDog, AWS Cloudwatch, SNS, and PagerDuty



#### Nike

Applications Engineer II, Data Engineer

Jan 2020 - Jun 2021

A leading global sportswear company known for its innovative athletic products and digital experiences

- Architected, planned, developed, and deployed implemented data pipelines to efficiently support third-party partner integrations
  - Worked closely with privacy teams to ensure safe and valuable (to the customer) sharing of data
    - Prioritize customer privacy over everything
  - Worked closely with internal teams to design and deliver data pipelines from third party partners to internal microservices
- Collaborated with teams across various internal organizations to successfully migrate from legacy infrastructure to a modern, scalable cloud infrastructure.
  - Created migrations and design solutions for moving to Kubernetes and other containerized based architectures and patterns

## Additional Experience



### The Brigade

Senior Software Engineer

Jan 2018 - Jan 2020

A digital design agency focusing on partnerships with Fortune 500 companies, such as Spotify, Twitch, and Google

- Launched Spotify Soundcheck, a full-stack application designed to train marketing and advertising partners on utilizing the Spotify API to optimize their ad campaigns
  - Planned and developed software architecture using Typescript, React, Redux, and Contentful
  - Designed and deployed containerized infrastructure using microservice architecture with Travis CI, GCP, and Docker Compose
- Introduced a new design for the Mozilla Developer Network website, significantly enhancing the user experience for millions with improved readability and increased code interactivity
- Launched a new design for Tezos Blockchain developer network, a resource for viewing and researching the Tezos blockchain



### Isolary

Lead Software Engineer

Jan 2016 - Jan 2018

A digital design agency focusing on partnerships with local business in Portland

- Developed and launched LRR, a comprehensive full-stack application designed for buying and selling property in Oregon, customized specifically for Living Room Realty
  - Planned and developed software architecture using PHP, Typescript, React, Wordpress, and MySQL
- Developed and launched the Fidelity Home National Warranty application, a full-stack platform for managing home warranties and maintenance services
  - Planned and executed software architecture using PHP, React, and MySQL

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## Education



### California State University, San Bernardino

BS, Computer Science

Sep 2011 - May 2016