

# Zach Morrissey

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<https://zmsy.co/>

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## Education

- **Oregon State University** Corvallis, OR  
*B.S., Computer Science* 2016 - 2019
- **Whitman College** Walla Walla, WA  
*B.A., Environmental Studies / Politics* 2007 - 2011

## Experience

- **Convoy** Seattle, WA  
*Sr. Software Engineer - Transactional Freight* 2022 - 2023
  - Tech lead for freight decisioning system & team. Built levers for Ops to decline risky freight or maximize margin.
  - Built services in Typescript, Express, k8s. Frontends with React, Redux & Apollo GraphQL. Created reusable terraform modules featuring Redis, RDS, SQS/SNS.
- **Salesforce** Seattle, WA  
*Sr. Software Engineer - Prototyping* 2020 - 2022
  - Created bespoke full-stack prototypes on 2-4 month timelines to prove value of features. Projects included NLP, auto data formatting, data cleanup, and more.
  - Built reusable architectures across projects with Lambda, Cloudfront, Dynamo, Postgres.
- **Tableau** Seattle, WA  
*Software Engineer - Enterprise Applications* 2018 - 2020
  - Built order-processing microservices in Java/Spring + Python with ECS Fargate.
  - DevOps lead: Infrastructure-as-code using Terraform, ECS, CI/CD.
- **Nordstrom** Seattle, WA  
*Principal Business Intelligence Analyst* 2016 - 2018
  - Created & maintained batch ETL system using Docker, Python & Luigi.
  - Launched org-wide documentation site using Jekyll + Javascript.
- **Tableau** Seattle, WA  
*Senior Licensing Analyst* 2014 - 2016
  - Created and led licensing analysis program at Tableau. Translated low-level machine licensing data into actionable information for Product and Sales.
- **Inviso** Bellevue, WA  
*Software Asset Management Analyst & Project Manager* 2011 - 2014
  - Built & delivered detailed software licensing breakdowns, using SQL Server & Python.

## Skills

**Languages:** Proficient (Python, Typescript), Decent (Java, Golang), Rookie (C/C++, Kotlin)

**Web:** HTML/CSS, Typescript, React, Redux, Webpack/ESBuild, Node, Express, Spring Boot

**Data:** SQL, Tableau, Python/pandas, Jupyter, Redshift/Postgres/MySQL, Redis/DynamoDB

**Infrastructure:** Linux, Docker, Terraform/Pulumi, CI/CD (Gitlab CI, CircleCI, Github Actions)

**Cloud Services:** S3, ECS, RDS, ElastiCache, Lambda, SQS/SNS, Cloudfront