Zach Morrissey

Experienced SWE with proven track record driving high-impact backend/full-stack engineering projects in fintech, freight, consumer products, and data domains. Capable of multi-team coordination, platform-level scope, rapid 0-1 product delivery.

Experience

Remitly

Sr. Software Engineer (Jan 2024 - Current)
- Tech lead for Send Flow; the main UX for sending money overseas. Built custom experiences across a varied landscape of regulation, customer needs and pricing variations.
- Led a full top-to-bottom redesign of send experience with a supporting flow framework that allowed product to model out customer journeys as directed graphs. Launched Oct 2025. Coordinated 7 engineers across 2 teams.
- Decreased median initial load latency by 17% + improved back navigation behaviors leading to ~$5-7M in est. annual revenue lift.
- Backend services in Kotlin, Golang, and Typescript with RDS and DynamoDB.
- Built client-side UX in React Native with GraphQL.

Convoy

Sr. Software Engineer (Jul 2022 - Oct 2023)
- Tech lead for freight decisioning systems enabling Ops to reduce risk and maximize margin.
- Created new decision levers that decreased false-negatives by 18%.
- Backend services in Typescript, Express, and Kubernetes.
- Built React/Redux/Apollo GraphQL frontends and reusable Terraform modules using Redis, RDS, SQS/SNS.
- Awarded Outstanding Performer (Top 5%) for 2023.

Tableau

Sr. Software Engineer, Prototyping (Jan 2020 - Jun 2022)
- Built bespoke full-stack prototypes on 2-4 month cycles to validate new product concepts; Examples include UX for interactive NLP dataset labeling, automated data cardinality discovery, and deriving relational schemas from non-relational (JSON/YAML) inputs.
- Created reusable serverless architectures with Lambda, Serverless framework, CloudFront, DynamoDB, and Postgres.

Software Engineer, Enterprise Applications (Sep 2018 - Jan 2020)
- Launched a new, scalable work queue system using Python, SQS & AWS Step Functions. Reduced order processing times by 20-35% and error rate by 4%.
- DevOps team lead using via Terraform, ECS, and Bamboo CI. Replaced 3 manually-built systems with immutable architectures.

Nordstrom

Principal Business Intelligence Analyst, App/Web (Aug 2016 - Aug 2018)
- Authored a new batch ETL system using Docker/Python/Luigi and ported legacy manual scripts to an automatic cadence.
- Built automated documentation site using Jekyll, JavaScript, and GitLab CI.

Tableau

Senior Licensing Analyst (Oct 2014 - Aug 2016)
- Established Tableau's customer licensing analysis program. Derived licensing insights from raw machine data for Product & Sales.

Contact info

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Education

Oregon State University
B.S. Computer Science
2016 - 2019

Whitman College
B.A. Envt. Studies / Politics
2007 - 2011

Skills

Leadership
Cross-disciplinary collaboration • Agile • Strategic planning • Mentorship

Languages
Typescript • Golang • Python • Kotlin • Java

Web
HTML • CSS • React (+ React Native) • Redux • Webpack • ESBuild • Vite • Apollo • Node.js • Express

Data
SQL • Redshift • Postgres • MySQL • Redis • DynamoDB • Tableau

Infrastructure
Linux • Docker • Terraform • Pulumi • CI/CD

Cloud Services
S3 • ECS • RDS • ElastiCache • Lambda • SQS • SNS • CloudFront