

# Kade Pitsch

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US Citizen in Tempe, AZ

## Summary

Relocating to Seattle, WA in September 2026. Available to start remotely immediately and open to relocating sooner if required.

## Education

- B.S. in Computer Science from Montana State University      Status - Graduated

## Work History

### *Fullstack Software Engineer at Envita Medical, AZ - January 2025 to Current*

- Built a multi-stage AI research pipeline in TypeScript analyzing drug-pathway relationships across 2.8M + data points (850 RNA markers x 132 drugs), with full transactional logging and audit trails for downstream review
- Designed a provider agnostic LLM orchestration layer to A/B test Claude, Gemini and OpenAI across pipeline stages, comparing structured output, latency and cost per model
- Built a custom patient report and editor for physicians review with Svelte/SvelteKit and PostgreSQL reducing the time to generate a report by 10x
- Architected a LIMS integration connecting local infrastructure, AWS, and third party contractors using TypeScript, PostgreSQL and event driven architecture, acting as the main technical point of contact between internal engineers and external teams
- Authored production Rust tooling including a domain specific parser and bulk database writer to handle custom data formats that off the shelf libraries could not support

### *Software Engineer at Conduit Resources, Remote - February 2024 to September 2024*

- Developed an ETL pipeline parsing 2M + unstructured log files into structured queryable data using C# and MSSQL, enabling better searching, error analytics, year-over-year trend reporting and real-time monitoring
- Designed normalized relational schemas and optimized SQL queries for production analytics, reducing data retrieval time by 80%
- Managed end-to-end triage of engineering tickets across a legacy codebase, maintaining service for all of our active clients

### *Python Developer (Contract) at Florida Blue, Remote - October 2022 to June 2023*

- Maintained legacy backend Python code and REST APIs for the payment verification system
- Integrated third-party payment providers, such as Stripe and PayPal
- Worked across PostgreSQL and MongoDB databases for transaction data, bridging relational reporting needs with document-store integrations

### *Solutions Developer at Zoot Enterprises, MT - July 2021 to May 2022*

- Served as the technical point of contact between Zoot's risk decisioning systems and Target's production infrastructure, owning the integration end-to-end and troubleshooting production issues directly with Target's engineering team
- Developed an automation script in Bash and Python to pull peak season data which reduced manual processing time from 30 days to under 2 hours
- Built frontend credit pre-screen workflows in JavaScript and optimized production MySQL queries for client decisioning systems