Jacob Scott Kieser

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EDUCATION

University of Washington, Paul G. Allen School of CSE   Seattle, WA
Bachelor of Science in Computer Science   *Sep. 2021 – August 2024*

EXPERIENCE

Palantir Technologies   Seattle, WA
Forward Deployed Software Engineer   *November 2025 – Present*
- Joined Warp Speed FDE team to help teams deploy AI to increase manufacturing productivity and capacity.
- Built early Inventory Audit Tool for Saronic Technologies which interfaces with external GraphQL DB to reconcile inventory, and uses LLM calls to describe differences in manufacturing part changes.

Uber   Seattle, WA
Software Engineer   *Sept 2024 – Nov 2025*
- Developed data ETL pipelines using Apache Spark, Airflow, Python, and Scala for petabyte-scale rider and driver analytics on the Competitive Intelligence Data Platform team.
- Contributed as one of 3 engineers to develop a new data ingestion platform (PySpark, Hudi, Airflow), reducing onboarding time from 5 days to 1 by providing declarative pipeline generation, and supporting 400+ multi-modal and tabular incoming data sources (AWS, GCP).
- Began the effort to improve team development speed with AI, creating Cursor Rules with best practices, MCP skills (SQL, Jira, Asana), and supporting changes for AI guided oncall using LLM's with PagerDuty.
- Implemented PySpark data quality framework with automated validation and Grafana dashboard, supporting 400+ data sources automatically, and allowing stakeholder config per source.
- Led cross-team integration of Market Share metrics into unified source-of-truth platform, implementing comprehensive data validation checks and migration processes that ensured 99.8% parity between legacy and new systems during critical transition.

Vetera   Seattle, WA
Co-Founder / Software Engineer (veteravet.com)   *June 2025 – Current*
- Built a veterinary care platform in Next.js, enabling veterinarians with AI-powered workflows.
- Developed conversational AI agent with Anthropic API for automated patient pre-screening and virtual examinations, reducing receptionist workload by 15 minutes per appointment.
- Created AI SOAP note generator using OpenAI Whisper API and LLMs to transcribe voice recordings into clinical summaries with follow-up recommendations, reducing veterinarian documentation time by 75%.
- Onboarded 5+ veterinarians and 20,000+ pet owners to the platform, achieving 90% patient satisfaction and 100% veterinarian satisfaction rate.

Salesforce Inc.   Bellevue, WA
Software Engineer Intern   *June 2024 – Sept 2024*
- Architected a Python-based Slack intake bot using Bolt to streamline onboarding for AWS GovCloud deployments which automated developer questioning, reducing manual deployment time from 4 hours to 45 minutes.
- Spearheaded the addition of 3 new AI features using LLM, improving deployment operator efficiency.

Expedia Group   Seattle, WA
Software Development Engineer Intern   *June 2023 – Sept 2023*
- Developed a Java service for the Fraud & Risk Core team using Spring Boot and a new pipeline using Jenkins, Spinnaker, and Artifactory.
- Designed a React UI in TypeScript to edit transaction schemas, adopted by 3+ teams in production.

VOLUNTEER & LEADERSHIP EXPERIENCE

Engineering Mentor | *DubHacks Hackathon*   2025 - Seattle, WA
- Mentored 20+ student developers on full-stack development and debugging best practices, guiding 4 teams to successful project completion with 2 teams placing in top categories

Code For Good Hackathon Participant | *J.P. Morgan*   2023 - Chicago, IL
- Led backend development for a volunteer portal using React, Python, and Flask, creating a matching system that paired 1000+ volunteers with projects based on skills and project needs.