Christopher Alexeev

Software Engineer | Analytics Engineering & Full-Stack

Indianapolis, IN (open to remote, hybrid, or relocation)
chrisalexeev@gmail.com | linkedin.com/in/chris-alexeev | chrisalexeev.com

SUMMARY

Software engineer with 5+ years building full-stack products and data platforms in healthcare. Most recently built Olio's analytics platform end to end, from dbt warehouse to customer-facing data API. Strongest in Python, TypeScript, and SQL. LLM coding tools since 2023; Claude Code with custom skills since its 2025 release.

TECHNICAL SKILLS

Languages: Python, SQL, TypeScript, JavaScript, Ruby
Data: dbt, PostgreSQL, Snowflake, Cube, data modeling, Tableau
Backend & Frontend: FastAPI, Ruby on Rails, WebSockets, MCP, React, TanStack Query, RSpec, Playwright
Cloud & Tools: AWS (Lambda, Step Functions, CDK, Bedrock), GitHub Actions, Azure DevOps, Docker, Datadog, Claude Code
Healthcare: FHIR R4, de-identified data, BAAs, HITRUST

PROFESSIONAL EXPERIENCE

Olio | Indianapolis, IN | *Healthcare SaaS for post-acute care coordination* — March 2025 – October 2026

Data Engineer — *April 2026 – October 2026*

- Sole engineer who designed and built Olio's analytics platform in about six months, to replace Tableau: dbt, PostgreSQL, Cube semantic layer, FastAPI, and React.
- Cut nightly warehouse downtime from 4–5 hours to zero by moving cron-based pipelines to dbt DAGs on GitHub Actions.
- Consolidated 52 source tables into 15+ dbt marts and 8 standardized customer reports, in place of dozens of ad-hoc reports.
- Built an MCP server for natural-language self-service and a customer-facing data API on Cube, with row-level security over de-identified data.
- Opened self-service reporting to every employee (Tableau allowed 2 creator seats), with automated delivery to Google Drive and Slack.

Software Engineer — *March 2025 – March 2026*

- Built full-stack features in Rails and React/TypeScript for a care-transition platform serving health systems, SNFs, home health, and hospice.
- Replaced fax- and email-based referrals with an in-app system that handled about 20,000 referrals in a year.
- Moved the app from polling to real-time WebSocket updates and built care-team notification routing.
- Developed the application layer of a RAG document-summarization tool on AWS Bedrock (Claude, Gemini).

NorthQuad LLC | Carmel, IN | *Software Engineering Consultancy* — October 2022 – February 2025

Software Engineer

- Architected the directed-graph Python framework behind Zotec's Next Best Action system, processing FHIR R4 data on AWS.
- Built 120Water's public transparency dashboards in React and FastAPI, with interactive county maps of service line materials for each participating state.
- Built a webhook system for Olio's integration platform with AWS CDK, which led to a full-time offer.

Trimedx | Indianapolis, IN | *Healthcare Technology Management* — June 2020 – September 2022

Data Warehouse Engineer (intern, summer 2020) — *May 2021 – September 2022*

- Built an in-house random forest model in Python, run from Snowflake, that matched the accuracy of a $200K/year vendor AI product.
- Set up CI/CD in Azure DevOps for the Looker and Snowflake teams, with automated SQL testing, linting, and static analysis.

EDUCATION

B.S. Computer Science, concentration in Artificial Intelligence | Indiana University Bloomington — May 2021
B.S. Recording Arts | Indiana University Bloomington — May 2018