

Kanishka Verma

236-457-3876 | Vancouver, BC | kanisverma@gmail.com | github.com/kanishkaverma | linkedin.com/in/kanisverma

SUMMARY

Full-stack software engineer with 3+ years of experience building scalable cloud-native applications. Skilled in **Java/Spring Boot** microservices, **TypeScript/React** frontends, and **Kubernetes** infrastructure on GCP/Azure. MS in Machine Learning with growing expertise in LLMs and AI-powered products. Proficient with AI coding tools including **Claude Code** and **Codex**.

EXPERIENCE

Pantheon

Feb 2026 — Present

Software Engineer II

- Building platform and product features across backend services and UI for developer-facing workflows

Forescout

Feb 2023 — Feb 2026

Full-Stack Software Engineer

- Led migration of 2.3 TB audit logs from Elasticsearch to **BigQuery** on **GCP**, cutting storage costs 65% (\$40K → \$14K/month)
- Built **Kubernetes-native** migration engine on **GCP** using **Terraform** and **Helm**; implemented checkpointing for zero-loss migration across 500+ customers
- Architected **Java Spring Boot** microservices processing millions of security events daily using **REST APIs** and **gRPC**
- Built **React/TypeScript** dashboards with **TailwindCSS** and **Node.js** APIs; enforced encryption and sensitive-data handling controls for FedRAMP compliance

Fortinet

May 2022 — Sep 2022

Web Developer Intern

- Migrated legacy authentication to **JWT** and **OAuth2** in Spring Boot services, closing a CVE and reducing auth latency by 25ms/request
- Designed and implemented **BigQuery** data warehouse with optimized **SQL** queries; built **Redis** caching layer reducing API latency by 70%

RBC Royal Bank

Sep 2021 — May 2022

Full-Stack Developer Intern

- Designed and deployed **Kubernetes** platform on **AWS** with **Terraform**; led **Apache Airflow** setup for ETL and **PySpark** jobs on **Palantir Foundry**
- Built and optimized **PySpark** transformations for 100GB+ datasets, reducing data prep runtime by 35%
- Developed stacked-ensemble and gradient-boosting models (+10pp ROC-AUC), deployed with **ONNX Runtime** for sub-50ms inference

University of British Columbia

Jan 2021 — May 2021

Research Assistant

- Redesigned UI of UBC's team-formation tool, increasing user satisfaction by 50% and productivity by 25%
- Delivered backend services using **Django** REST framework and **Python**; deployed with **Docker** and **Redis** caching serving 1000+ concurrent users

TECHNICAL PROJECTS

SessionScribe (Founder) - AI meeting summarization tool with live transcription and macOS system audio recording <https://sessionscribe.app>

- Founded and launched commercial macOS app leveraging **OSS models** via **OpenRouter** and **OpenAI Whisper** for AI-powered meeting productivity
- Engineered full-stack AI transcription platform with **SwiftUI** frontend for real-time transcription, automatic summarization and note generation

Celestia - React Native mobile app for affirmations

- Shipped full-stack mobile app with **React Native**, **Expo**, and **Firebase** backend using LLM APIs for personalized affirmation generation
- Implemented AI content generation, authentication, and real-time sync for cross-platform user experience

EDUCATION

Western Governors University

MS in Machine Learning

Coursework: Deep Learning with PyTorch, Transformer Architectures, LLM Fine-tuning, Neural Networks, NLP

University of British Columbia

BSc in Computer Science | **GPA: 92%**

Awards: \$100K International Major Entrance Scholarship, Outstanding International Student, Dean's List (All Years)

TECHNICAL SKILLS

Languages: TypeScript, Python, Java, Go, SQL **Frontend:** React, Next.js, React Native, TailwindCSS, SwiftUI **Backend:** Spring Boot, Node.js, REST APIs, gRPC, PostgreSQL, BigQuery, Redis, Elasticsearch **Cloud/DevOps:** GCP, AWS, Azure, Docker, Kubernetes, Terraform, Helm, CI/CD, GitHub Actions **AI/ML:** PyTorch, Transformers, LLM Fine-tuning, RAG, Prompt Engineering, LangChain, Vector DBs, ONNX, OpenAI APIs, Whisper