

SUYASH AMINBHAVI

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EDUCATION

The University of British Columbia
Bachelor's in Computer Science

Kelowna, BC
Sept 2020 - Apr 2025

WORK EXPERIENCE

Zafin Toronto, ON
Jul 2025 - Present
Technical Consultant/Software Engineer

- Built and optimized scalable data pipelines and microservices using Java, Flink, NiFi, Temporal, and deployments using Kubernetes./Docker
- Supported backend development and API integrations using PostgreSQL and REST APIs.
- Collaborated with cross-functional teams to refine requirements, debug issues, and deliver updates.
- Served as on-call DRI, monitoring system health and resolving production issues to maintain high availability of critical services.
- Contributed to design and code reviews, improving code quality and influencing technical decisions across the team.

The University of British Columbia - Capstone (Clearjar) Kelowna, BC
Sept 2024 - Apr 2025
Full Stack Developer

- Developed an AI-powered personal finance management platform using React.js (TypeScript) and Next.js, enabling seamless client-side rendering and enhanced user experience.
- Integrated the Plaid API for secure bank data connections, ensuring reliable financial information retrieval.
- Optimized data performance by implementing Redis caching, achieving a 60% improvement in retrieval speed.
- Implemented vector data management with Pinecone and processed user prompts via OpenAI GPT-4.0, delivering personalized financial insights.
- Built a scalable Node.js backend with RESTful APIs, leveraging Prisma ORM, PostgreSQL, and Docker for efficient development, testing, and deployment.

The University of British Columbia - Directed Studies Kelowna, BC
Software & Generative AI Developer

- Developed a Retrieval-Augmented Generation (RAG) system leveraging OpenAI GPT-4o and Langchain, increasing domain-specific query accuracy by 300%.
- Created user and admin interfaces with RemixJS (with Typescript) for efficient document management and chatbot interactions for UBCO Students.
- Integrated XAI's Grok-2-Beta for AI-driven response validation and deployed local LLMs using Ollama, reducing operational costs by 90%.
- Designed and tested embedding models (e.g., Gemini-1.5-Flash:8B, text-embedding-3-small) to convert text into vector representations, enabling semantic search.

Keystone Environmental Ltd. Burnaby, BC
May 2023 - Aug 2024
IT Technician

- Managed and maintained over 300 devices across three locations, ensuring uninterrupted business operations and technical support for 150+ employees.
- Deployed and configured cloud-based solutions, including Microsoft Azure, Defender, and Entra ID, to streamline IT operations and enhance security.
- Spearheaded a cybersecurity awareness program featuring phishing simulations and performance-based reporting, strengthening organizational security posture.

SKILLS

Programming/Backend:	Java, Spring Boot, REST APIs, Node.js, Redis, Typescript, GraphQL, Flink
Cloud/Integrations:	Docker, Kubernetes, CI/CD (Jenkins), Azure, Git, GitHub
Monitoring/Reliability:	Grafana, System Monitoring & On-call Incident Response
Databases:	PostgresSQL, NoSQL, Cosmos DB
Soft Skills:	Problem-Solving & Debugging, Cross-functional Collaboration