

Nikita Lobanov

Canadian Citizen | nikitaalobanovv@gmail.com | nikitalobanov.com | linkedin.com/in/nikitalobanov | github.com/nikitalobanov12

EDUCATION

British Columbia Institute of Technology

Full Stack Web Development Specialization

Vancouver, BC

Expected May 2026

Relevant Coursework: Web Database Technologies, Operating Systems, JavaScript Frameworks and Server, Mathematics for Computing, Data Structures & Algorithms, Unix Tools and Scripting, Linear Algebra, Networking, Object-Oriented Programming

SKILLS

Languages & Frameworks: Go, TypeScript, Java, Python, C++, SQL, React, Next.js, Tailwind CSS

Backend: Node.js (Express.js, NestJS), Spring Boot, gRPC, GraphQL, REST, Gin, Chi, WebSockets, Vitest, Playwright, Kafka

Databases: PostgreSQL, MySQL, Redis, DynamoDB, MongoDB, Prisma ORM, Drizzle

Cloud & DevOps: AWS (ECS, RDS, S3, Lambda, VPC, CDK), Docker, Terraform, GitHub Actions CI/CD, Linux, Nginx, Vault

EXPERIENCE

Seaspan Corp, Software Development Intern

May 2024 – Aug 2024

- Saved 160+ hours per month in accounts payable by processing 1,400+ monthly files via Spring Boot REST APIs integrated with Oracle ERP Cloud and Excel, replacing manual entry with a validated, auditable pipeline used across finance teams
- Enabled KPI monitoring for 227+ Vessels by building dashboards using React JS to track speed over ground, specific fuel oil consumption, and engine load, adding time filters, & role aware views, facilitating faster visibility into vessel KPIs & issues
- Reduced database and API bottlenecks by instituting health checks, connection pool tuning, and SQL profiling across Oracle, Linux/Windows hosts, & Spring Boot services, with documented runbooks to remediate recurring performance hotspots
- Cut financial data quality issues 90% by automating validation in the Oracle ERP integration using Java services and SQL stored procedures, flagging inconsistencies pre ingestion to prevent reconciliation errors and processing failures

Affistash, Full Stack Developer

May 2024 – Aug 2024

- Eliminated manual research across 1,000+ potential affiliates by building dashboards with Next.js, surfacing AI sourced partner analytics, with faceted search, saved views, and sorting to let brand users evaluate fit directly inside the platform
- Served 500+ daily brand queries with targeted suggestions by integrating Firebase Firestore and OpenAI endpoints behind a responsive frontend, adding request batching, response caching, and error handling to control latency, reliability, and cost
- Enabled analysis of 100,000+ audience data points by implementing D3 and Recharts visualizations on Firebase real time data streams, with drilldowns, tooltips, exportable reports, and geographic/referral breakdowns for deeper audience insight
- Increased engagement and accelerated outreach by shipping real time match notifications via Firebase Cloud Functions and WebSockets, with deduping, per user throttling, and preference controls to deliver timely alerts

DDS Wireless, Information Technology Intern

Jun 2018– Aug 2020

- Provisioned 60+ office and lab PCs by reinstalling Windows, applying chipset and device drivers, and validating health via Event Viewer and SMART diagnostics, producing standardized images and checklists reducing setup variance across teams
- Resolved 85% of tickets independently by diagnosing BSODs, boot loops, & connectivity issues, replacing faulty RAM or drives & rebuilding corrupted installs, with documented fixes that reduced repeat incidents & improved time to resolution

PROJECTS

WriteShare, Go, gRPC, Yjs, Typescript, Go, WebSockets, Redis, PostgreSQL, Docker, AWS

Aug 2025

- Supported 25+ concurrent editors per document at p95 edit latency under 180 ms by implementing Yjs CRDTs over WebSockets in Next.js, backed by Go microservices over gRPC on ECS for document operations, server side fanout, and presence synchronization
- Improved consistency & throughput by adding Redis caching for frequently accessed information, batched hydration & background Postgres sync, moving async work to ECS & Lambda workers, with metrics & structured logs for observability.

Dayflow, React, React Router, Tauri, PostgreSQL, GitHub Actions, Node.js, Stripe, Google Gemini AI

Jul 2025

- Reached 300+ daily active users by shipping a shared React codebase for Tauri desktop & web, with responsive Tailwind UI, optimized PostgreSQL schema, & CI pipelines in GitHub Actions automating tests, packaging, versioning, & releases
- Processed 800+ natural language task parses per day by integrating Gemini to convert free text into structured tasks with deadlines & priorities, adding validation, fallbacks, & rate limiting to manage failures, cost control, & user facing reliability

Circles, Next.js, Prisma, PostgreSQL, Redis, Vercel, Tailwind CSS, Node.js, TypeScript

May 2025

- Shipped a private social platform with photo sharing, activity feeds, music integration, map integration, and direct messaging by leading a team of 3 developers in 1 week sprints with daily standups, code review workflow, and feature branch Git practices to maintain quality and predictable delivery
- Delivered pixel perfect responsive UI by translating Figma designs into react components, ensuring consistent layout across desktop, tablet, & mobile breakpoints with a small design token system for spacing, color, & typography