

ANFAL MUSHTAQ

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EXPERIENCE

Staff Software Engineer, Applied AI

Sep 2025 – Present

Luxury Presence (Series C, \$74M raised)

Vancouver, BC

- Architected end-to-end AI website generation platform serving 80,000+ users, replacing a multi-week manual workflow with an automated pipeline delivering production-ready sites in hours.
- Designed prompt orchestration, output evaluation, and brand-fidelity control layers to produce deterministic-quality output from non-deterministic large language model systems at scale.
- Built spec-driven development framework treating formal specifications as source of truth and using AI agents to execute against them, enabling a small team to ship at 3–4x the velocity of comparable teams.
- Own technical direction for all AI-powered web experiences. Collaborate directly with C-suite on AI roadmap and go-to-market strategy.

Founder

Jan 2025 – Sep 2025

Pico Future

Vancouver, BC

- Built and launched an AI debugging agent for emerging AI-assisted development segment. Secured 100+ beta signups and converted paid pilot conversations within 8 weeks.
- Delivered a low-latency voice AI system for a SaaS client, achieving sub-500ms response times and enabling a new real-time customer interaction revenue line.

Engineering Lead

Jun 2023 – Jan 2025

Durable

Vancouver, BC

- Reduced annual infrastructure spend by \$375K (75%) through architecture redesign and CDN optimization, directly expanding product investment budget.
- Scaled AI platform to 100,000+ active small business customers at 99.99% uptime, processing 500B+ tokens per month across services.
- Shipped customer-facing AI agents for SEO optimization, content generation, and site improvement that increased user engagement and expanded revenue per account.
- Cut support ticket volume by 40% through automated triage and resolution workflows.
- Grew engineering team from 4 to 11 engineers. Built hiring pipeline, mentorship program, and security practice including bug bounty program.
- Partnered with CEO on roadmap prioritization, translating business objectives into quarterly engineering execution plans.

Principal Software Engineer

Jul 2021 – Jun 2023

Streamlabs, Logitech

Vancouver, BC

- Promoted from Senior to Principal within 2 years based on technical impact and scope expansion.
- Led generative AI research and development initiative. Shipped products adopted by 5M+ live streamers, including Campaign Manager, Alert Box V2, and Logo Maker.
- Unified authentication across the Streamlabs platform for 5M+ users, eliminating fragmented identity systems and reducing auth-related support incidents.
- Led core services team of 6 engineers responsible for platform reliability, performance, and global availability.
- Drove company-wide security posture improvements. Owned and managed bug bounty program.

Senior Software Engineer

Streamlabs, Logitech

Apr 2019 – Jul 2021

Vancouver, BC

- Rebuilt real-time event alert pipeline processing millions of events per day. Reduced P99 backend latency by 65% through infrastructure redesign.
- Replaced legacy jQuery and iframe widget system with Vue.js architecture, cutting feature development cycle time by 50%.
- Built in-house CRM integration and created new interactive widgets, alerts, and games for live streaming platform.

Senior Software Engineer

Strategic Systems International

Dec 2016 – Apr 2019

Lahore, Pakistan

- Migrated 320M+ records to horizontally scalable architecture, improving query performance and system reliability for enterprise clients.
- Built campaign management platform for a New York City startup, compressing campaign launch cycles from 7 days to 1 day.
- Developed real-time IoT telemetry applications and enterprise CMS platforms for global client portfolio.

Co-Founder and CTO

Aquila Labs and Pulse Inc

Oct 2014 – Sep 2016

Lahore, Pakistan

- Designed and shipped a machine learning based health assistant and medicine delivery platform. Onboarded 500+ users and validated the business model through early traction.
- Led development of Pakistan's first Washington Accord compliant outcome-based education system, later adopted by multiple institutions.

SKILLS

AI and Machine Learning: Large Language Models, Prompt Engineering, AI Agents, Retrieval Augmented Generation, Generative AI, Natural Language Processing

Backend and Infrastructure: Python, Node.js, JavaScript, TypeScript, PHP, PostgreSQL, MongoDB, MySQL, Redis, REST APIs, GraphQL, Microservices

Cloud and DevOps: Amazon Web Services, Google Cloud Platform, Microsoft Azure, Docker, Kubernetes, CI/CD, Infrastructure as Code, CDN Optimization

Frontend: React, Vue.js, Next.js, HTML, CSS

Leadership: Team Building, Technical Strategy, Roadmap Planning, Cross-Functional Collaboration, Agile, Scrum

EDUCATION

Bachelor of Science in Software Engineering

2010 – 2014

Ghulam Ishaq Khan Institute of Engineering Sciences and Technology

Dean's Honor Roll — Gold Medal