ANFAL MUSHTAQ

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OBJECTIVE

Senior technology leader with 10+ years of experience building and managing business-critical software systems. Track record of:

- Delivering reliable software systems used by 100,000+ customers daily
- Reducing business costs by 50% through smart technology choices
- Building and leading successful engineering teams across different countries
- Transforming complex business problems into practical software solutions

EDUCATION

Bachelor of Software Engineering, GIKI   2010 - 2014

SKILLS

Languages	Python, JavaScript, PHP
Frameworks	Flask, Django, React.js, Vue.js, Node.js, Express.js, Next.js, Laravel
Cloud	AWS, Azure, Digital Ocean, GCP
Database & Caching	Postgres, MySQL, MongoDB, Redis
AI & ML	Large Language Models, ML Infrastructure, Data Analysis
Leadership	Team Management, Project Management, Stakeholder Communication, Product Strategy

EXPERIENCE

Engineering Consultant   September 2023 - Present
Pico Future   *Vancouver, BC*

- Lead technical strategy and architecture for AI startups, improving system reliability and scalability by 60%
- Build and manage distributed engineering teams across multiple time zones, delivering critical product launches
- Serve on leadership teams, driving product strategy and technical roadmap decisions
- Architect complete technology stacks for early-stage startups, reducing time-to-market by 40%

Engineering Lead   June 2023 - January 2025
Durable   *Vancouver, BC*

- Architected and scaled AI services processing 500M+ tokens monthly, serving 100K+ customers with 99.999% uptime
- Built proactive AI system automating business operations, reducing support needs by 40%
- Optimized infrastructure and CDN implementation, reducing more than 50% of the annual operational cost
- Built and managed high-performing engineering team of 5, maintaining 90% retention rate

Principal Software Engineer   July 2021 - June 2023
Streamlabs @ Logitech   *Vancouver, BC*

- Spearheaded Gen AI research and development to power streaming products serving 5M+ users
- Led implementation of unified Streamlabs Identity authentication system
- Owned and launched key products: Campaign Manager, Logo/Emote Maker, Alert Box V2
- Led security protocols and bug bounty program for core infrastructure

Senior Software Engineer   April 2019 - July 2021
Streamlabs @ Logitech   *Vancouver, BC*

- Rebuilt alert box system handling tens of millions of daily events
- Built customer acquisition tools improving support team efficiency by 40%
- Maintained and optimized backend services serving 5M+ users
- Optimized database queries reducing average response time by 65%

Senior Software Engineer Dec 2016 - April 2019
Strategic Systems International *Lahore, Pakistan*

- Successfully migrated 320M+ user records from hot to cold storage, optimizing database performance
- Created and maintained internal CMS used company-wide
- Built IoT applications focusing on geo-location and real-time features
- Developed PDF text extraction and Apache Solr indexing pipeline

CTO and Co-Founder Mar 2016 - Sep 2016
Pulse Inc *Lahore, Pakistan*

- Architected and built medicine delivery and health monitoring platform
- Developed ML-based personal health assistant system
- Built medicine dosage tracking application

CTO and Co-Founder Oct 2014 - Jan 2016
Aquila Labs *Lahore, Pakistan*

- Built learning management system
- Created Udemy-style portal for teacher content distribution
- Spearheaded the development of the first outcome-based system education in Pakistan

PROJECTS

AI Infrastructure. Architected and implemented enterprise-grade AI infrastructure processing 500B+ tokens monthly, achieving 99.999% uptime.

Streamlabs Identity System. Led the development of a unified authentication system serving 5M+ users, implementing robust security protocols and improving user experience across multiple products.

Healthcare Tech Platform. Built an ML-based personal health assistant system and medicine delivery platform as the CTO of Pulse Inc.

PROFESSIONAL DEVELOPMENT

- Linear Algebra for ML & Data Science - Coursera (2024)
- Data Structures & Algorithms Nano Degree - Udacity (2022)
- Machine Learning Nano Degree - Udacity (2021)