Anfal Mushtaq

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Passionate engineer enhancing traditional software with AI, creator of a robust AI service handling millions of daily requests. Quick learner, always exploring new tech and simplifying complex problems.

EXPERIENCE

Durable, Canada — Engineering Lead

June 2023- PRESENT

As the Engineering Lead at Durable, I am entrusted with the following responsibilities.

- Lead teams of engineers across various departments, ensuring efficient collaboration and innovation.
- Architected and developed the AI service from scratch, powering Durable's infrastructure and handling millions of requests daily with scalability and robustness.
- Maintain and expand the company's infrastructure to support growing demands and enhance performance.
- Spearhead the AI department, driving research and development efforts to integrate cutting-edge AI technologies into our products.
- Collaborate closely with the CTO to lead the engineering department, aligning technological strategies with organizational goals.
- Oversee continuous improvement initiatives, implementing changes to adapt to evolving requirements and industry standards.
- Utilize APIs to facilitate deep integrations within the Durable platform, fostering a more interconnected and resourceful ecosystem.
- Proactively identify and resolve performance bottlenecks, ensuring the delivery of high-quality applications.

Logitech, Canada — Principal *Software Engineer*

July 2021- June 2023

As one of the lead members of the core team in Streamlabs at Logitech, I am responsible for the following.

- Maintain legacy code in core.
- Handle, fix/delegate security reports on the core.
- Work with product managers, customer service team & customers directly to sketch out and implement new features.
- Help in maintaining the infrastructure.

SKILLS

- Leadership and team management.
- AI-driven software development and integration.
- Scalable infrastructure design and maintenance.
- Research and development in emerging technologies.
- Full stack development with a focus on performance and scalability.

Tools & Technologies

Languages

PHP, MySQL, JavaScript, Python, MongoDB.

Frameworks & Libraries

Laravel, Vue, Flask, Express, Node, React JS.

Services

LLMs, AWS, Digital Ocean

Currently Learning

Creation of custom LLMs

LANGUAGES

English, Urdu

- Stay in direct communication with 3rd parties to keep our systems up to date.
- Help in the recruitment of new team members across multiple teams.
- Help out engineers from multiple teams using the gathered domain knowledge of both our core products and target audience.

Logitech, Canada — *Software Engineer*

Nov 2019 - June 2021

As one of the lead members of the core team in Streamlabs at Logitech, I was responsible for the following.

- Maintain legacy code in core.
- Handle, fix/delegate security reports on the core.
- Work with product managers, customer services & customers directly to sketch out and implement new features.
- Help in maintaining the infrastructure.

Streamlabs, Canada —Senior Software Engineer

April 2019 - Oct 2019

As part of the core team at Streamlabs. I was tasked with the following.

- Work with product managers, customer support team & customers to maintain the existing products.
- Build and own the customer acquisition tools for the customer support team.
- Work on maintaining the existing features and implementing new features.
- Create version 2 of the alert box (the most used widget at Streamlabs).

Strategic Systems International, Pakistan — *Senior Software Engineer*

Dec 2016 - March 2019

As part of the open source team at SSI, I was outsourced to a New York-based gaming company called JumpRampGames. My responsibilities were as follows.

- Help maintain the back-end core written in PHP.
- Help maintain the infrastructure on AWS.
- Help maintain the internal services.
- End-to-end own & write the internal CMS used company-wide.
- Help maintain the DB and perform optimizations.

Pulse Inc, Pakistan — *Chief Technology Officer*

Mar 2016 - Sep 2016

As the CTO, I was responsible for architecting, developing & maintaining the core product.

Aquila Labs, Pakistan — *Chief Technology Officer*

Oct 2014 - Jan 2016

As the CTO, I was responsible for architecting, developing & maintaining the core product.

EDUCATION

Ghulam Ishaq Khan Institute of Engineering Sciences & Technology, Pakistan — BS, *Software Engineering*

Aug 2010 - March 2014

The main focus of the study was software engineering, best practices, and software project management.