

Usman Farooq

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[Personal Website](#)

Languages: Python, JavaScript, Node.js, React, Typescript, GraphQL, Docker, Go, React Native, MySQL, PostgreSQL, Git, Next.js, REST, HTML/CSS, C/C++

Skill stack: Software Development, Web Development, Data structures and Algorithms, Object-Oriented Programming, Agile, Relational Databases, REST API's, Microservices, Mentorship, Attention to Detail, Communication Skills

Experience

Proof I Senior Software Engineer

May 2024 - Present

- Led the development of an in-app notification hub using React Native and TypeScript, enabling 5,000+ users to track past and current notifications, resulting in a 30% increase in user engagement.
- Spearheaded the design and implementation of a "first-mile experience," introducing job incentives for law firms that boosted job completion rates by 20% and improved client onboarding satisfaction scores.
- Built and maintained scalable backend systems in Go, ensuring 99.9% uptime and supporting the seamless processing of 10,000+ daily transactions.
- Delivered high-quality features 15% faster by collaborating with cross-functional teams in a fast-paced startup environment.
- Mentored 3 developers, enhancing team productivity and promoting best practices in full-stack development.

McKinsey & Company | Senior Software Engineer

May 2023 – May 2024

- Led the development of a groundbreaking MVP powered by Generative AI, achieving ~\$50M in savings by streamlining insurance contract processes.
- Architected scalable solutions for Fortune 500 companies in the medical technology and insurance sectors, accelerating delivery timelines by 15%.
- Managed and mentored a team of six developers, improving productivity by 25% through code reviews, knowledge-sharing sessions, and targeted guidance.
- Delivered end-to-end software solutions by mastering the design process, from prototyping to full-stack implementation, ensuring robustness and scalability.
- Served as a key domain expert, fostering collaboration among engineers, product managers, designers, stakeholders, and executives to deliver high-impact results.

Yelp | Senior Software Engineer

August 2021 – May 2023

- Built scalable services, APIs, and frontend components leveraging large datasets, driving a \$10M+ annual revenue increase by improving customer support value measurement.
- Developed premium support tools for businesses, boosting customer retention (10% YoY).
- Designed and implemented A/B tests and feature rollouts, optimizing key business metrics and enabling data-driven strategic decisions.
- Led cross-functional projects with Product, Design, Marketing, and Data Science teams to deliver impactful, user-focused solutions.
- Reduced system downtime by swiftly identifying and resolving production issues during on-call rotations, ensuring high system reliability and minimal user disruption.

TELUS Communications | Software Engineer

May 2021 - August 2021

- Engineered a web application using Node.js, React.js, and TypeScript, boosting user engagement and streamlining functionality for nationwide teams.
- Developed a productivity-enhancing tool, doubling efficiency by ensuring a robust and reliable network infrastructure.

Pason Systems | Software Developer Intern

May 2019 - August 2020

- Designed and implemented an automated reporting system in collaboration with Drilling Optimization Engineers, delivering 50+ daily reports used as critical business metrics by clients.
- Optimized MATLAB algorithms to process high-frequency sensor data (10 Hz), enabling precise quantification of drilling efficiency and empowering sales engineers to increase product adoption.

Education & Certifications

Schulich School of Engineering | CGPA 3.97
Bachelor of Science | Internship Program

Stanford – Online Coursera | 2022
Introduction to Machine Learning