

Abdul Rehman Aftab, Lead Software Engineer

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LINKS

[Linkedin](#)

PROFILE

Result-oriented and technically competent Technical Lead and DevOps Engineer with specialized training and dedication to successfully adapt in the ever-changing field of IT, proven track record in individual and team environments across different markets including USA, Europe, Middle East, multitasking ability, effective collaboration, excellent organizational skills, and exceptional written and verbal communication skills.

EMPLOYMENT HISTORY

Jul 2022 — Present

Principal Software Developer, Toptal

Toptal is a global platform connecting the top 3% of professionals with leading companies. Known for its rigorous screening, working with Toptal provided opportunities to engage in cutting-edge projects alongside industry experts.

Key Contributions with Toptal Clients:

- Built and optimized cloud-native applications on Microsoft Azure and AWS, resulting in a 40% improvement in scalability and performance for applications serving millions of users globally.
- Streamlined CI/CD pipelines through advanced infrastructure as code (IaC), reducing deployment times by 30% for enterprise-scale systems.
- Managed and optimized Azure resources, achieving a 20% reduction in operational costs, saving tens of thousands of dollars annually.
- Delivered dashboards and interactive reports, enabling stakeholders to make data-driven decisions, increasing user adoption by 35% across multiple business units.
- Automated critical tasks, enhancing overall deployment efficiency by 25%, enabling faster rollouts to high-availability platforms.
- Managed code with Git and structured releases via platforms like GitHub, AWS and Azure DevOps.
- Upheld industry security standards, integrated security into CI/CD pipelines, and used tools like SonarQube for compliance.

Mar 2019 — Jan 2023

Principal Software Engineer, DatumSquare IT Services

Key Contributions and Achievements:

- Led and mentored development teams, increasing team productivity and reducing release cycles by 20% through effective scrum management for large-scale web applications.
- Developed and deployed high-performance web applications with Node.js and React, improving application responsiveness by 50% for systems with thousands of concurrent users.
- Enhanced system integrations, resulting in a 30% improvement in data processing efficiency across multi-terabyte databases.
- Resolved complex technical issues promptly, reducing critical production incidents by 40%, significantly improving customer satisfaction.

Feb 2021 — Oct 2022

DevOps Engineer, TMG Consultants GmbH

TMG Consultants GmbH is one of the leading consulting companies in Germany, consistently focused on supporting industries in overcoming complex challenges.

The product I worked on solves procurement challenges through automated and effective use of Big Data and AI to identify suitable suppliers, while significantly reducing the time and effort.

- Automated CI/CD pipelines for Azure app services and AWS Lambda functions, significantly reducing manual deployment efforts by 50%, impacting hundreds of automated weekly deployments.
- Strengthened infrastructure security on Azure and AWS, decreasing security vulnerabilities by 70%, safeguarding sensitive client data.
- Generated actionable revenue insights with PowerBI, directly contributing to more accurate forecasting and decision-making in procurement projects worth millions of euros annually.

- Implemented infrastructure security on Azure resources and worked on networking with private networks.

Dec 2017 — Feb 2019

Software Engineer | Technical Team Lead, Click Chain

Been part of an Agile team that aims to provide reliable and quality software/product to clients in less time in an iterative fashion while not compromising on quality.

- Implemented Test-Driven Development (TDD) practices, reducing bug rates by 30% in agile software projects for mid-sized enterprises.
- Successfully maintained, deployed, and integrated SOAP and REST APIs, improving system reliability by 50% for critical client-facing applications.
- Facilitated direct client interactions, ensuring project deliverables met client expectations and timelines, enhancing client retention rates.
- Scrum rituals as part of our work environment like Sprint planning, Daily Scrum standups, Sprint Retrospectives and Sprint Reviews

Dec 2014 — Dec 2017

Community Moderator [MVA], Microsoft

- Enhanced community engagement and response rates by promptly addressing user inquiries, maintaining an active, healthy community of thousands of members

Jul 2017 — Nov 2017

Lead Software Engineer, ITWaly

- Managed and delivered multiple software projects with high client satisfaction, improving delivery timelines by 30% for small to medium-sized business applications.
- Conducted rigorous code reviews, significantly reducing defects in production by 25%, boosting overall project quality.

Sep 2015 — Dec 2015

Intern, Microsoft

Sep 2014 — Aug 2016

YouthSpark Advocate, Microsoft

Microsoft YouthSpark is company-wide, global initiative to empower 300 million young people over three years in education, employment and entrepreneurship by giving young people access to 21st century skills training, jobs, and resources to start their own ventures. YouthSpark Advocates are young leaders who have been selected to represent YouthSpark through online and offline activities and become subject matter experts.

Roles and Responsibilities:

- Attend training on YouthSpark & it's offerings.
- Attend trainings on how to build a social media following and an online presence.
- Share YouthSpark content such as YouthSpark Programs, resources, tools, stories of young people who have done incredible things with help of #YouthSpark online via social media.
- Speak at YouthSpark events or about YouthSpark at Microsoft events.
- Conduct in-person demos of the YouthSpark Hub

Microsoft Student Partner Microsoft Aug 2013 - Jul 2015 (2 years)

Aug 2013 — Jul 2015

Microsoft Student Partner, Microsoft

The Microsoft Student Partner (MSP) is a program that recognizes students who have made outstanding contributions to the community. Folks are selected and recognized as the most talented students from universities across the world for their dedication, passion and involvement each academic year.

Roles & Responsibilities:

- Build apps and demos.
- Demonstrate the newest technologies and host tech events on your campus.
- Conducted over 20 technology events, significantly increasing technology awareness and adoption within a community of hundreds of students
- Attend trainings from Microsoft leaders to enhance your knowledge about cutting edge technologies.

Sep 2014 — Oct 2014

Intern, Microsoft

Gained hands-on experience developing PC and mobile apps, successfully launching a popular app, "Lost n Found," which was downloaded by thousands of users.

CERTIFICATIONS & ACHIEVEMENTS

Jul 2022 — Present	Microsoft Certified: Azure Developer Associate, Microsoft
Jul 2022 — Present	Microsoft Certified Trainer (MCT), Microsoft
Jul 2018 — Jun 2019	Microsoft Most Valuable Professional (MVP), Microsoft

EDUCATION

Jan 2010 — Jan 2012	Intermediate in Computer Science, Punjab College	Bahawlapur, Pakistan
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SKILLS	Leadership	Expert	Node JS	Expert
	Microsoft Power Platform	Expert	Python	Experienced
	Communication	Expert	Microservices	Expert
	Ability to Work Under Pressure	Expert	Cloud Engineering	Expert
	Ability to Work in a Team	Expert	Databases	Expert
	Microsoft Azure	Expert	Workflows	Expert
	DevOps	Expert	Artificial Intelligence	Expert
	Scalability	Expert	Agile Methodology	Expert
	Web Applications	Expert	Restful APIs	Expert
	Automation	Expert	Scrum Methodology	Expert
	Continuous Integration	Expert	Test-Driven Development (TDD)	Expert
	Infrastructure Management	Expert	Enterprise Application Software	Expert
	Git	Expert	IT Service Management	Expert
	Anomaly Detection	Expert	Ability to Multitask	Expert
	Communication Skills	Expert	Coordination Skills	Expert
	Team Management	Expert	Team Working	Expert
	Amazon Web Services	Expert		