Waleed Ahmed

Senior Software Engineer

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Professional summary

Senior Software Engineer with 9+ years of experience optimising applications and systems performance and leading cloud and full-stack transformations to enhance reliability and user experience. Expert in backend and front-end frameworks, with a proven track record of revamping system architectures and enhancing both front-end and back-end platforms to ensure scalability, efficiency, and operational excellence.

Employment history

Sep 2022 - Present

Senior Software Engineer, BlackBaud
London, United Kingdom

- Building and maintaining backend systems on .NET and Node.js.
- Led the migration of JustGiving's products from AWS to Azure, enabling seamless operations while improving system performance and reliability.
- Revamped system architecture and microservices to handle high web traffic, enhancing operational stability and long-term resilience.
- Reduced application load times, resulting in improved user satisfaction and significant operational savings.
- Pioneered the use of LLMs at JustGiving, making it the first UK fundraising platform to integrate features like the Story Enhancer, driving significant revenue growth.
- Engineering modern front-end solutions with Angular, React, and Next.js, driving robustness, scalability, and exceptional user experience.

May 2019 - Sep 2022

Developer, OpenMoney
Manchester, United Kingdom

- Developed backend services with .NET Core leveraging Azure cloud infrastructure for scalable and reliable applications.
- Migrated services from Microsoft Service Fabric to a code-first SQL approach, improving maintainability and performance.
- Led the front-end migration from Angular to React, enhancing user experience and application responsiveness.
- Expanded expertise in cloud-based infrastructure, strengthening skills in Azure deployment, scalability, and service management.

Nov 2018 - May 2019

C# Developer, WorkMobile (eSAY Solutions Ltd)
Manchester, United Kingdom

- Worked as a full-stack developer using ASP.NET and C# for backend, and HTML, JavaScript, jQuery, and AJAX for dynamic front-end development.
- Developed online forms to streamline processes and reduce paperwork, improving operational efficiency.
- Created new modules and intuitive UI components for enhanced customer experience.
- Utilised TFS for version control and collaborative development.

May 2018 - Nov 2018	**Software Engineer, CareCloud (Medical Transcription Billing, Corp)**
	Rawalpindi, Pakistan

- Developed applications using ASP.NET MVC, Web Forms, C#, Windows Forms, AJAX, jQuery, and JavaScript, delivering robust solutions for healthcare users.
- Developed a patient module to securely share prescribed medicines with healthcare providers, improving care coordination.
- Resolved customer service issues related to patient and provider portals, enhancing user satisfaction and portal reliability.
- Designed and implemented a Patient Management System (PMS) for online appointments and lab result uploads, streamlining healthcare workflows.

Jul 2016 - Aug 2016	**Software Intern, Fauji Fertilizer Bin Qasim Limited**
	Islamabad, Pakistan

- Supported the IT team in monitoring and maintaining computer systems to ensure smooth operations.
- Refactored error-prone modules on the company website, improving functionality and reliability.
- Developed web interfaces using Web Forms, jQuery, JavaScript, and Bootstrap for responsive and user-friendly experiences.

Education

Jan 2014 - Jan 2018	**Bachelor's in Computer Science**
	Bahria University, Islamabad, Pakistan

Certifications

- SAFe DevOps Practitioner (SDP) certification

Skills

System Design	Agile Methodologies	API Development
Expert	Expert	Expert
Cloud Architecture	.NET	Azure
Expert	Expert	Expert
AWS	Microservices	Serverless
Expert	Expert	Expert
ReactJS	AngularJS	NodeJs
Expert	Experienced	Experienced
Testing (Unit, Smoke and Integration)	Cypress	SQL & NoSQL
Expert	Expert	Expert
Cosmos	Elastic Search	Git
Expert	Experienced	Expert
Terraform	DevOps	Performance Tuning
Expert	Skillful	Expert
Data Analysis	CRM	C++
Experienced	Experienced	Skillful
jQuery		
Experienced		

Additional information	Projects
	ANTI-CARJACKING SYSTEM

Developed a system to gather data on carjacking incidents by installing Raspberry Pi 3 devices in vehicles. Designed and trained an Artificial Neural Network (ANN) using Python and evaluated it in C#, achieving 91% accuracy.

Framework: Microsoft Cognitive Toolkit (CNTK) | Languages: Python, C#

Hobbies	Weight training, Travelling, Reading, Volunteering at local fundraising and charity events

Languages	English	Urdu
	Highly proficient	Native

Links

LinkedIn	www.linkedin.com ↗