Surbhi Sharma

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Contact: +44 7440085733

EXECUTIVE SUMMARY

Experienced IT professional with over 17 years in software engineering, architecture, and design, specializing in Microsoft technologies and cloud computing. Finished my role as a Lead Technical Consultant with a focus on mentoring and guiding teams to successful project delivery.

➢ Define technical product roadmap in alignment with the business and product owners.
➢ Engaged in technical solutions, system landscape assessment, fit-gap analysis, effort estimations, scheduling, planning, and resourcing for the pre-sales activities of RFP/POCs.
➢ Design & verify solution architectures for individual customer requirements. Establishing a holistic view of solutions following architectural best practices and design guidelines. The design solution is based on a well-architected framework and adheres to the Secure by Design principle.
➢ Proven track record in leading technical teams, developing complex software applications, and implementing cloud solutions on AWS and Azure. Expert in cloud and on-premises environments, with strong knowledge of PaaS, SaaS, and IaaS models. Adept in Agile development methodologies, TDD and DevOps. Skilled in full-stack development using modern technologies including .NET Core, Angular, React, and HTMX.
➢ Expertise in Microsoft Azure and AWS services for both cloud-native and hybrid cloud solutions.
➢ Design & build micro-service architecture on Azure. Building CI/CD process using Azure DevOps.
➢ Designed and developed applications on Microsoft Azure involving App Services, Docker, Container Registry, Redis Cache, storage, Functions, Azure SQL DB, Azure Data Factory, Databricks, Azure Active Directory, Azure DevOps, and CI/CD pipeline.
➢ Design Logical and Physical data models in alignment with the Enterprise data model.
➢ Knowledge of security best practices, including authentication (OAuth, JWT)
➢ Take ownership of project delivery, and technical ownership of end-to-end solutions.
➢ Performing design thinking & UX/UI workshops with businesses.

I have been a lead developer for Aviva PLC in Norwich, UK, for two years and nine months.

Technical Skills

Programming Languages:
➢ C#.NET, .NET Core
Databases:
➢ MS SQL Server, Oracle
Web Technologies:
➢ ASP.NET MVC, .NET Core, XML, HTML, JavaScript, jQuery, React, HTML/CSS, HTMX, LINQ, Entity Framework, REST Services, OpenShift
Cloud Platforms:
➢ AWS, Azure (Docker, App Services, Function Apps, Azure Active Directory, Azure SQL, Event Grid, Azure Storage, Azure DevOps CI/CD, Databricks, ADF, Redis, AKS, Container registry)
Development Tools:
➢ Visual Studio .NET (2015, 2017), SQL Server Management Studio, Visual Studio Code, Docker
Tools:
➢ Git, Git Extension, Jenkins, VSTS, Node.js, SonarQube, Checkmarx, Jira, Postman

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Unit Test Frameworks:

➢ NUnit, XUnit, Specflow

Professional Experience

Tata Consultancy Services (TCS), Lead Technical Consultant, Bangalore
Sep 2011 – Sep 2024

➢ Design, develop, and maintain high-quality software solutions.
➢ Define technical product roadmap in alignment with the business and product owners.
➢ Led a scrum team for Deutsche Bank's ECS Dataflow project, focusing on the archiving process of electronic communication data. Conduct code reviews and provide constructive feedback to team members.
➢ Managed both onshore and offshore teams, overseeing feature analysis, development activities, and critical issue resolution.
➢ Collaborate with product managers, designers, and other stakeholders to define project requirements and deliverables.
➢ Ensure the scalability, performance, and security of software applications.
➢ Revamped the existing archiving system and mentored new team members on technical challenges.
➢ Designed and implemented cloud solutions using Azure services, including PaaS, SaaS, and IaaS.
➢ Technologies: ASP.NET 4.7, .NET Core, C#, JavaScript, jQuery, PowerShell Scripting, SQL Server 2008, React

Onsite Experience, *Aviva, Norwich, UK*
Dec 2013 – Dec 2014, Dec 2017 – Aug 2019

➢ Led major deliveries for Aviva, the largest general insurer in the UK, focusing on planning, development, and deployment.
➢ Received multiple awards and recognitions for successful project deliveries.

Key projects -

ECS Dataflow - Deutsche Bank
Apr 2020 – Sep 2024

➢ Technologies: ASP.NET 4.7, .NET Core, C#, JavaScript, jQuery, PowerShell Scripting, SQL Server 2008
➢ Role: Lead Developer

Aviva Plus Quote & Buy - Aviva
Dec 2013 – Mar 2020

➢ Technologies: ASP.NET 4.7, Akka.NET, MVC, C#, JavaScript, jQuery, SQL Server 2008
➢ Role: Lead Developer

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Individual Dental and Vision - Humana
Sep 2011 – Sep 2013

- ➢ Technologies: ASP.NET 3.5, C#, JavaScript, HTML, SQL Server 2005
- ➢ Role: Lead Developer

HCL, Senior Software Engineer, Bangalore
Dec 2009 – March 2011

- ➢ Developed and integrated modules for the ELOANS project, enabling users to apply for loans online.
- ➢ Led a sub-team to integrate reports with front-end applications and guided team members on technical issues.
- ➢ Utilized AWS services for deployment and management of cloud-based solutions.
- ➢ Technologies: ASP.NET 3.5, C#, JavaScript, HTML, Web App, SQL Server 2005

3i-Infotech, Software Engineer, Bangalore
July 2006 – Nov 2009

- ➢ Worked on various projects including Perr and Knight, WIPTOOL, VAFB, and Partnership for Supply Chain Management System.
- ➢ Involved in system analysis, design, development of business logic, and user interface layers using ASP.NET and VB.NET.
- ➢ Technologies: ASP.NET 3.5, C#, JavaScript, HTML, SQL Server 2005

Education

School/University	Degree	Pass status
Guru Jambheshwar University, Hisar *2005*	B. Tech in Electronics and Communication Engineering	68% (First class)
Colonel's Central Academy, Gurgaon *2000*	Higher Secondary (Equivalent to UK A levels) Subjects: Physics, Chemistry, Mathematics, Economics, English	67% (First class)
Colonel's Central Academy, Gurgaon *1998*	Matriculation (Equivalent to UK GCSE's) Science, Mathematics, Sanskrit, English, Social Studies	77% (First class)