

Muhammad Shahid Farooq

APPLICATION FULL STACK DEVELOPER | SOFTWARE ARCHITECT | DATA ENGINEER

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About

I am an experienced Software Architect and Data Engineer with extensive expertise in Microsoft .NET and Oracle technologies. My professional background spans the full software development lifecycle, including analysis, design, and development of desktop, web, and mobile applications. I have contributed to major projects across the education, physical security, finance, and medical billing sectors, delivering scalable and reliable solutions that support complex business requirements.

In addition to full-stack development, I specialize in designing and implementing enterprise data solutions using platforms such as Microsoft Fabric, including architecting ETL pipelines and configuring secure data gateways to integrate heterogeneous data sources.

Throughout my career, I have led development initiatives, enhanced system architectures, and collaborated with cross-functional teams to deliver high-quality software. I am committed to solving complex problems, driving technological innovation, and building solutions that align with organizational goals.

Technological Exposure

Programming Languages

- C#, VB, Python, Java
- T-SQL, PL/SQL

Web Development

- ASP.NET, SignalR, HTML, CSS, JavaScript, jQuery, Bootstrap
- Web API, REST API

Cloud Platforms and Services

- Microsoft Azure, Oracle Cloud Infrastructure (OCI)
- Microsoft Fabric

Databases and Data Platforms

- Microsoft SQL Server, Oracle, Azure SQL, PostgreSQL, Microsoft Access, SQLite
- Microsoft Fabric Lakehouse, Microsoft Fabric Warehouse

Application Servers and Hosting

- Oracle WebLogic Server, Internet Information Services (IIS)

Data Engineering

- ETL/ELT scripts, Data Gateways, Pipelines, Power Query (M Language)

Mobile App Development

- Xamarin

Reporting and Analytics Tools

- SAP Crystal Reports, Active Reports, Power BI, OTBI (Oracle Transactional Business Intelligence) Reports

Installer and Setup Tools

- Microsoft Visual Studio Installer Projects, Advanced Installer

Version Control

- Visual SourceSafe, Team Foundation Server, GitHub

SharePoint Administration

- SharePoint configuration, maintenance, and user management

Code Obfuscation

- Dotfuscator

Hardware Integration

- ANPR Cameras, RFID Readers, Access Control Barriers, I/O Relay Modules
- Loop Detection Devices, Under Vehicle Scanning Systems

Third-Party Tools

- ComponentOne Studio for WinForms, Telerik (Desktop UI Components Suite)
- Arcadia .NET Components, FathSoft BarcodeX.Net

Experience

Tatweer Education Holding Company | Application Full Stack Developer **Sep 2023 – Present**

- Developed and maintained enterprise web applications using .NET technologies and Oracle PaaS.
- Designed and managed databases for both SQL Server and Oracle platforms.
- Configured and managed web servers, including IIS and Oracle WebLogic.
- Administered Oracle Cloud Infrastructure (OCI), excluding core infrastructure components.
- Deployed and supported business-critical applications, internal websites, and portals.
- Integrated Oracle Fusion Applications using REST APIs for seamless data exchange and process automation.
- Integrated OTBI (Oracle Transactional Business Intelligence) reports with internal systems to automate data retrieval and enhance reporting workflows.
- Developed and maintained Power BI dashboards and custom analytics solutions.
- Administered and supported SharePoint-based applications and workflows.
- Implemented and maintained ERP systems, focusing on IT process optimization and KPI tracking.
- Participated in system gap analyses, user requirement reviews, and weekly cross-functional workshops.

ForeVision Business Solutions | Software Architect

Jan 2020 – Sep 2023

- Translating business needs and requirements into technical requirements for software applications
- Managing the design, development, and implementation of software solutions
- Serving as a technical liaison among project managers, developers and stakeholders
- Coaching and mentoring software engineers, programmers and other team members

ForeVision Business Solutions | Principal Software Engineer**Aug 2014 – Dec 2019**

- Providing technical guidance to development team and oversee the technical aspects of projects
- Developing and providing technical standards and guidance in all software design and development activities
- Investigating software related complaints and making necessary adjustments to ensure optimal software performance

ForeVision Business Solutions | Software Engineer**Jul 2011 – Jul 2014**

Managing projects to ensure timely production of quality products as per requirements. Developing software systems & utilities meeting business needs. Actively assist in the development and testing of integration processes between multiple systems. Tune systems for optimal performance and characterize systems on multiple platforms. Support project life cycle from commencement to completion.

Khushhali Microfinance Bank Limited | Software Developer**Nov 2008 – Jul 2011**

Developing desktop and web applications according to business need (70% engagement). Also performing activities (as part of job responsibility) such as designing project architecture, reviewing code quality, training fellow developers, tuning systems, exploring process improvement scopes and testing of applications developed by peer developers (overall 30% engagement).

CareCloud | Software Engineer**Oct 2006 – Nov 2008**

Managing projects to ensure timely production of quality products as per requirements. Developing software systems & utilities meeting business needs. Actively assist in the development and testing of integration processes between multiple systems. Tune systems for optimal performance and characterize systems on multiple platforms. Support project life cycle from commencement to completion.

Education

University of Central Punjab, Bachelor of Science**2002 – 2006**

Major: Computer Science

Certifications

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|--|-------------------|
| • Oracle APEX Cloud Developer Certified Professional | Oracle — May 2025 |
| • Oracle Cloud Infrastructure 2025 Certified Foundations Associate | Oracle — May 2025 |
| • Oracle Fusion Cloud Applications CX Certified Foundations Associate | Oracle — May 2025 |
| • Oracle Fusion Cloud Applications SCM Certified Foundations Associate | Oracle — May 2025 |
| • Oracle Fusion Cloud Applications ERP Certified Foundations Associate | Oracle — May 2025 |
| • Oracle Fusion Cloud Applications HCM Certified Foundations Associate | Oracle — May 2025 |

Honors & Awards

Certificate of Participation

Aug 2008

Issued By: Guinness World Records

Participated in the record event: The most participant in a hackathon is 2,950 and was achieved by Saudi Federation for Cybersecurity, Programming and Drones (Saudi Arabia) which was verified in Jeddah, Saudi Arabia, on 2 August 2018

Volunteering

Ministry of Hajj and Umrah | Volunteer

Hajj Seasons: 2022, 2023, 2024, 2025

- Serving the pilgrims (Hujjaj) during the pilgrimage (Hajj) to Makkah Al Mukarramah

Pakistan Hajj Volunteers Group (PHVG) | Volunteer

Aug 2015 – Present

- Provided essential support and services to pilgrims (Hujjaj) during their pilgrimage to Makkah Al Mukarramah.
- Assisted with the coordination of logistics and guided groups to ensure a smooth and fulfilling pilgrimage experience.