

MUHAMMAD AMJAD

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 Residence Karachi, Pakistan

**EDUCATION**

Degree B.S Computer Engineering 2008 - 2011
 Sir Syed University of Engineering & Technology Pakistan

PROFESSIONAL SKILLS

Application Languages	Java [2018 to onward], C# [2012 to 2017], HTML, CSS
Frameworks	Java Struts, Java Spring, Spring Boot, ASP.NET
Development Frameworks	Struts, Spring MVC, Sencha Ext JS
Web Services	Microservices, REST
Databases	MS SQL, Oracle
Reporting Tools	Crystal Reports [2012 to 2017]
Version Control Systems	GIT, Perforce, SVN
Application Security Tools	Synopsis Coverity, Threagile
DevOps and Automation Tools	Docker, Jenkins, JIRA

PROFESSIONAL EXPERIENCE SUMMARY

TimeXperts Pvt. Ltd.	Workforce Management Software – WT&A	WorkForce Software (U.S.A) Acquired by ADP in \$1.2 billion
Avanza Solutions Pvt. Ltd.	Wealth Management System – IRIS Money Transfer System - JUBA Property Management System - AMLAK	All Funds Bank (Luxembourg) Dubai Islamic Bank (U.A.E) JUBA Express (U.A.E) AMLAK (U.A.E)
Axact Pvt. Ltd.	ERP Solution – XERP CRM System - XCRM	DHA (PAK) Axact (PAK)
Ozone Solutions Pvt. Ltd.	Media Monitoring & Tracking System	Ozone Solutions (U.K)

PROFESSIONAL CERTIFICATE**Certified Scrum Master**

Scrum Alliance International Organization

October 2019

<https://www.scrumalliance.org/>

PROFESSIONAL EXPERIENCE DETAIL**Principal Software Engineer**

Mar 2018 – Present

TimeXperts

Karachi, Pakistan

Workforce Management Software – WorkForce Software (U.S.A)

- Collaborated within an Agile Scrum team to identify and resolve security vulnerabilities in a workforce management solution used by 7M+ employees across 1,100+ companies in 100+ countries, ensuring product stability and adherence to security best practices.
- Conducted comprehensive risk analysis and implemented mitigation strategies to address security threats, enhancing the solution's security posture and safeguarding global operations.
- Guided secure coding practices and supported automated security testing within CI/CD pipelines, utilizing tools such as Coverity and Jenkins, ensuring seamless and continuous integration of security measures.
- Designed and implemented a robust threat modeling system using Threagile, proactively identifying and addressing vulnerabilities to enhance the application's security architecture.
- Assumed Scrum Master responsibilities, driving team collaboration and ensuring the efficient delivery of security features for a large-scale, globally used product.

Senior Software Engineer

Sep 2014 – Feb 2018

Avanza Solutions

Karachi, Pakistan

Wealth Management System - All Funds Bank (Luxembourg) - Dubai Islamic Bank (U.A.E)

- Integrated wealth management systems of Dubai Islamic Bank and All Funds Bank to enable seamless cross-bank investment capabilities, allowing customers from both banks to access and invest in products from the other institution.

Money Transfer Application - Juba Express (U.A.E)

- Developed and implemented an anti-money laundering (AML) detection module in an international money transfer application, ensuring compliance across 100 countries with over 1M+ daily transactions.

Property Management System – AMLAK (U.A.E)

- Designed and developed key features of a property management system, optimizing property listing management, tenant communication, and payment processing.

Software Engineer

Apr 2012 – Jun 2012

Axact

Karachi, Pakistan

XERP | XCRM

- Developed new features for the CRM portal, supporting 3,000+ employees at Axact to streamline operations and improve user experience.
 - Enhanced and upgraded the ERP solution for the Defence Housing Authority, impacting 10,000+ members by improving functionality and system efficiency.
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Junior Software Engineer

Apr 2012 – Jun 2012

Ozone Solutions

Karachi, Pakistan

Speech Recognition-based Media Monitoring & Tracking System

- Designed and developed a program to identify and list occurrences of advertisements within a full-length TV transmission.