

Muhammad Nadeem Khan

Solution Architect

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🏠 Dubai, U.A.E.



Career Objective

AWS-certified solution architect - associate and AWS-security specialist with experience driving information management strategy, strategized, designed, and deployed innovative and complete security architecture for cloud data protection for multiple clients. Seeking to leverage high-level of understanding of Amazon Web Services global infrastructure and service migrations to become Professional Solution Architect for mutual growth and success.

Personal Achievements

1. Expertise as a Project Manager

Majority of the project fails due to poor management, I have gone through failures by being a Yes Man to the higher management and have found success by differentiating wants and needs.

- Initiation, inspect the project idea itself and identify risk and gaps in first place
- Execution, based on resource availability, project timeline and budget constraints
- Monitor and Control, based on resource, time and budget
- Completion, document everything from Customer Satisfaction to Lesson Learned

I have worked on both Products and Projects from Small to Big, and have actively participated in budgeting and team building.

2. Expertise as a System Analyst

I believe it's the backbone of full software project lifecycle which impact overall success of the project. I have worked as a system analyst by using below course of actions

- Code Review, using SOLID principles
- Database Review, using ACID principles
- Performance Review, using Stress Test, Profiler, New Relic, Grafana, Cloud Watch
- Change Review, using KISS principles
- Documentation, using Confluence (JIRA)

I have also knowledge of Business Intelligence (BI), Competitor Analysis and online presence apart from system analysis.

3. Expertise as a Solution Architect

For me it means, how far you can go, there is always multiple options while working on any project. I have worked on complex projects which ranges from building local data center to 100+ computers in AWS cloud. Based on project scope I have proven success rate on below

- Technical Solutions, by choosing the right Language, Database and Workflow
- Application Architecture, by choosing between Monolithic and Micro Services architecture
- Infrastructure Solutions, by choosing between In-House and Cloud Computing
- Cloud Computing Solutions, by choosing between AWS, Azure, Google Cloud

I have in depth knowledge of Amazon Web Services, can work on complex infrastructures, and migration plans between local and cloud services.

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4. Expertise as a Team Lead

Together we can do it, whatever it takes, for every successful project there is a successful team. I have major contributions towards team building, conducted 200+ interviews till date.

- Team Building, always hunt the best by in-depth interview using STAR technique
- Transparency, share everything with team related to project Scope
- Methodology, choosing between Agile, Waterfall, Kanban and Scrum
- Performance Monitoring, using JIRA, Trello

I have worked as a team player, which enables me to understand the needs of a successful team

5. Expertise as a Coder (Team Player)

I have worked in many programming languages and frameworks based on needs of the project. I always follow below when it comes to programming and databases

- I always apply SOLID principles in my code with focus on Design Patterns, Code Comments, Documentation and Use Case document
- I have in depth knowledge of databases, have worked on Relational, In Memory and Document Based databases.
- I have fair knowledge of Unit Testing, Integration Testing, Performance
- I have sound knowledge of security threats, like Brute Forcing, Phishing, Man in the middle, Malicious Files upload, DOS / DDoS and its corresponding solutions.

I try my level best to produce reusable code, perfection doesn't exist there is always chances of improvements

Professional Certifications

- ❖ AWS Certified Security – Specialty
Exam Code: **SCS-COI** Registration Number: **389337202**
Grade: **Pass** Date: **Jan 22, 2021**

- ❖ AWS Certified Solutions Architect – Associate
Exam Code: **SAA-C02** Registration Number: **382768451**
Grade: **Pass** Date: **Sep 29, 2020**

Web Development, Web Services & Software Skills

During my profession career I have gain perfect experience on lots of tools, I hope this will give a deep insight of my capabilities.

Programming Languages
▪ PHP
▪ Python
▪ API (XML/json)
▪ Javascript / jQuery
▪ VueJS / Smarty
▪ CSS 3 / HTML5

Software Skills
▪ ELK Stack
▪ MERN Stack
▪ Grafana
▪ Jenkins (CI/CD)
▪ SonarQube
▪ New Relic
▪ GitLab – GitHub (Git)
▪ Ansible
▪ Kubernetes

Cloud Computing
▪ Amazon Web Services (AWS)
▪ Microsoft Azure
▪ Google Cloud

Operating Systems
▪ Linux / Ubuntu / AMI
▪ OSX
▪ Windows

Frameworks

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Databases
▪ MongoDB/Redis/DynamoDB
▪ Casandra
▪ MySQL / SQL Server

▪ Robo 3T (Robomongo)
▪ Putty
▪ Jira
▪ Trello

▪ Laravel
▪ Lumen
▪ Yii2

I have used the above skills as part of my current and previous jobs, most of the time I have worked with online applications and websites, which include both Intranet Based and Internet Based Applications.

Besides above skills, I can also deliver perfect results on below expertise

Forms Security
▪ SQL Injection Prevention
▪ CSRF Attacks
▪ Captcha Forms
▪ Token Based Forms
▪ Limit File Upload
▪ Prevent Script Injection

Google Services
▪ Webmaster Tools
▪ Google Analytics
▪ Google AdWords
▪ Google Maps
▪ Google APIs
▪ SEO

Cloud Computing
▪ Amazon Web Services (AWS)
▪ Microsoft Azure
▪ Google Cloud

Notification Services
▪ Email Notifications
▪ SMS Notifications
▪ Push Notifications

Remote Desktop
▪ WebEx
▪ Team Viewer
▪ GotoMeeting
▪ Ammy
▪ AnyDesk

Operating Systems
▪ Linux / Ubuntu / AMI
▪ OSX
▪ Windows

Web Hosting
▪ Domain Registration
▪ Email Accounts
▪ Configure Email Clients
▪ FTP Accounts
▪ Configuring CronJob
▪ Database Setup
▪ Site Statistics
▪ cPanel/Plesk
▪ Standard/Reseller Hosting

File To Database
▪ Excel and CSV
▪ Text File

Frameworks
▪ Laravel
▪ Lumen
▪ Yii2

Database To File
▪ To Word
▪ To Excel
▪ To PDF

API Integration
▪ PipeDrive (CRM)
▪ MailChimp
▪ FreshDesk (Support Tickets)

Work Experience

➤ Solution Architect / Team lead at ZInteract, Inc.	<i>(Current Job)</i>
Organization <i>Zinteract LLC</i>	Duration <i>May 2008 to Date</i>
Location <i>Sharjah Media City, U.A.E.</i>	Job Type <i>Permanent</i>

Organization Info:

ZInteract, Inc. is a global leader in providing Global Payroll and HR solutions to both corporate and government organizations around the world. Interact provides a full range of more than 25 integrated software solutions in support of job classification, recruitment management, position budgeting, employment/hiring, contracting, leave

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management, attendance tracking, training, performance appraisal, manpower planning, compensation management payroll, health and safety management, and other HR business process, with seamless integration to the main commercially available ERP applications. More information about the company and its product can be found on www.Zinteract.us.

Job Description:

Working as Solution Architect / Team Lead,

- I am primary focusing on providing technical solutions to Team, Consultants, Management and Clients.
- Strategized, Design, Develop, Implement and Deploy successfully many modules in Interact on Amazon Web Services for many clients as per their requirements.
- More frequently used AWS Services are Route53, Load Balancer, EC2, RDS, S3, VPC, API Gateways etc.
- I am handling primary modules of the software i.e. Payroll, Automatic Timesheet, Trial/Final Payroll, GL/JV, Access Control, Loan module, Employee Contract, Leave management, Payroll Reports, Social Security Administration System [SSAS] implementation etc.
- I use different type of technology depending on the requirement. PHP, .NET, Python, JSON, XML, HTML, CSS, SQL and API Gateways to integrate the system with other systems like SAP, Accpac, Dolphin Management System and many more.
- Reviewing other Codes and approving the methodology of implementation. Also acting as Developer along with Team in time of need, when deadlines are to be met.
- Actively design algorithms to migrate the Timesheet Data from Client Database to Interact database.
- I have introduced lots of new features and met the deadline. I have also completed the Database updates from MySQL to Oracle.
- Planned and Complete Data Migration using TRICKLE technique from MySQL to Oracle on separate servers.

➤ **Web Developer at DWIZD IT Solution Providers**

Organization *DWIZD IT Solution Providers*
Location *Peshawar, KPK, Pakistan*

Duration *Aug 2007 – March 2008*
Job Type *Permanent*

Organization:

A Canadian software and E-Commerce Web Site Development Company. That specializes in Microsoft .NET development, Java development (J2SE, J2EE, and J2ME), custom ecommerce website development and complete Web sphere, Commerce and Portal Server application development.

Job Description:

While working at DWIZD I have assigned the following duties on target basis,

- Web Development
- Dynamic Pages
- Online web systems
- Database Applications
- Security Measurements
- Communication with Clients.

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➤ **System Analyst / Database Designer**

Organization *Khybersoft Technologies*

Duration *May 2005 – Aug 2007*

Location *Peshawar, KP, Pakistan*

Job Type *Permanent*

Organization:

Khyber Soft Technologies is a private Software house but mostly do projects for the Government department that is "Ministry Of Science Technology and Information Technology Pakistan". One of the major projects in which I have participated is "Computerization of Police Stations District Swat" etc.

Job Description:

- Creating the database and design the control flow for the client projects
- Design the database for the clients by creating the database objects such as tables, indexes, views, synonyms etc.
- Testing the database Security, Integrity, Backup and Recovery settings, Performance before handling the project to the client.
- Trained the Personnel/ Staff on Basics of Information Technology and how to work with the project that is created for them.
- Maintained and Managed the Local Area Network Containing Windows XP Workstations, Network Printer, Scanner etc.
- Dealing with many contractors which enhance my Human Resource skills arranging co-ordination between organization and Project clients

Freelance Projects

▪ **PPP Members**

Build the architecture and closely work with team to build an online application in Yii PHP Framework for Pakistan People's Party [www.pppmembers.com]. It is one of the leading Political Party in the Pakistan, where we have launched a countrywide membership drive to reach out to the Workers through online web service. I have participated as a lead role to design the software and database architecture and work closely on application layer security to keep it safe from other unsuspecting activities.

▪ **Online Ordering System**

I have developed Online Ordering System [www.apexprintshop.com] for the Printing Company located in the *California, USA* as final project of my degree program. The system contains a database of orders, which come across the customers from all over the world. Customers can order for a product right from their home, just login to the system select a product, pay through credit card and your order will be at your door step. The company has their administrator Area, from where they can see the orders and shipped it and then feedback to the customers. This restricted area is control by the System Administrator of the company.

▪ **Result System (volunteer)**

I have developed an Online Result System [www.abasyn.edu.pk] for Abasyn University, which offers a number of courses. The students can check all the courses provided by the university and made a restricted administration area only for the administration section who only can insert, delete, or update result of the students.

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Academics

- **University of Peshawar, Pakistan** (Scholarship – First Position Holder)
Honors Bachelor of Information Technology, 2003 – 2006
G.P.A 3.7
- **Peshawar Model Degree College, Pakistan** (Second Position Holder)
Higher Secondary School Certification, 2000-2001
1st Division
- **Islamia English Model High School, Pakistan** (First Position Holder)
Higher Secondary School Certification, 1998-1999
1st Division
- **United English Model High School, U.A.E.** (First Position Holder)
kindergarten to Class 8th, 1987-1997
Top position holder

Personal Profile

- Full Name: Muhammad Nadeem Khan
- Father Name: Muhammad Saeed
- Gender: Male
- DOB: 22nd Feb, 1984
- Marital Status: Married
- Citizenship: Pakistani
- Current Location: Dubai, U.A.E.
- Passport No.: VQ4100882
- Mobile No.: +971 (050) 127 5657
- Email: nadeem@khan.ae

Languages

- English (Reading, writing and fluently speaking)
- Urdu (Reading, writing and fluently speaking)
- Pashto (Reading, writing and fluently speaking)
- Hindi (Fluently speaking)
- Arabic (Beginner)

Hobbies & Activities

- Reading articles and blogs.
- Study and updating myself on technology.
- Playing Basketball and Console Games.

Reference

Reference will be furnished if requested.