Naseem Amjad

Lahore, Pakistan.
+92-3004020178, naseem.amjad@gmail.com
https://www.github.com/naseem1amjad/

Summary:

- Dynamic Technical Leader with 24 years of diverse experience, primarily as a Solution Architect.
- Designed and Developed Software Architectures for Enterprises
- Proven expertise in spearheading technological advancements, fostering innovation, and optimizing business operations through the implementation of enterprise solutions, automation, and Agile strategies.
- Established and managed data engineering practices, ensuring alignment with organizational objectives. Adept at performing audits to enhance efficiency and effectiveness.
- Lead the development and execution of the company's technology strategy in alignment with organizational goals and objectives.
- Collaborate with cross-functional teams to identify technological opportunities, address challenges, and implement solutions.
- Evaluate emerging technologies and trends to identify opportunities for strategic investments and partnerships.

Technical Skills:

- *Internet*: PHP, ASP.NET, TypeScript, JavaScript, Jquery, NodeJS, Angular, REST APIs
- *Languages & Tools*: Python (Certified), C#, Visual Basic, Java, Unity
- *Frameworks*: DotNet Core, MVC, Flask, Django, Codeignitor, FastApi
- *Databases*: MS SQL Server, MySQL, SQLlite, Oracle, Postgresql, Redis
- *General*: MS Project, Visio, MS Office, Jira, Asana, Monday.com, Trello, ClickUp, GIT
- *Data*: BigQuery, Cloud Function, DataForm, Looker Studio, Azure DevOps
- *Cloud*: SAAS, Azure Cloud, Digital Ocean, Heroku, AWS, GCP

Activities:

- Strategic Planning and Execution
- Technology Leadership
- Innovation Management
- Team Building and Leadership
- Project Management
- Agile Methodologies
- Software Development
- Vendor Management
- Budgeting

Experience:

Engineering Manager / Lead Architect (AI & Data)
SEPTEMBER 2023 – TO DATE DATA-PILOT
- Collaborated with a team of Data Scientists, Data Engineers, and Data Analysts to achieve project goals
- Demonstrated proficiency in comprehensive system and database design and planning.
- Implemented Agile methodologies and Continuous Integration/Continuous Deployment (CI/CD, MLOPS) practices to enhance project efficiency and delivery.
- Successfully developed ETL (Extract, Transform, Load) pipelines, explored Generative AI techniques, and deployed AI Chatbots utilizing Large Language Models (LLM).

Chief Technology Architect Consultant

APRIL 2021 – AUGUST 2023 Several Startups

- Offered guidance and solutions to developers utilizing big data methodologies.
- Advised startups on growth strategies and provided consultancy services.
- Served as a technologist for a SAAS & AI product.
- Delivered technical solutions to address complex challenges encountered by organizations.

Senior Technical Project Manager

FEBRUARY 1999 – MARCH 2021 NETSOL, Pakistan (NASDAQ: NTWK)

- Lead the development and execution of the company's technology strategy in alignment with organizational goals and objectives.
- Worked in multiple domains such as HR, ERP, Medical, Finance, Games event management, Digital Marketing / Analytics, Web Portals, Ecommerce, Mobile Apps, Localized Applications, Web Browser Plugins.
- Established coding standards and implemented best practices within the organization.
- Conducted training sessions on Code Reviews, Unit Testing practices, and Agile (SCRUM) methodologies.
- Successfully transformed the concept of a Car Pooling App into a functional product.
- Contributed to the development of a Hospital Management System from its initial stages all the way through to its deployment in production.
- Designed and implemented information radiators (Dashboards) to enhance visibility and transparency for agile teams.
- Utilized popular frameworks such as Flask, Django, .NET Core, CodeIgnitor, and Jersey.
- Employed various databases including MS SQL Server, Oracle, PostgreSQL, and MySQL.
- Designed, architected, and actively contributed to the development of both desktop and web-based software applications.
- Developed Web Based Mobile Friendly Human Resource Management System.
- Executed the complete Software Development Life Cycle (SDLC), encompassing Requirements Collection, Designing, Programming, Unit Testing, implementation, maintenance, and documentation.
- Managed the deployment of applications, conducted user training sessions, and facilitated User Acceptance Testing (UAT) on the client side.
- Created software designs and architectures using Unified Modeling Language (UML).

Education:

- Master in Business Administration [MBA], Punjab University, Pakistan (2005-2007)
- Bachelor of Science Degree in Computer Science [BCS], FAST-National University of Computer and Emerging Sciences, Pakistan (1996-1998)

Trainings:

- Agile Certified Practitioner, PMI
- 7 Habits of highly effective people, NetSol Corporate University

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Certificates:

Software Architect and Design, Data Warehouse, Analytics Engineering, DataBricks Fundamentals, Python for Data Science, FastAPI.