Awais Nasir

Doha, Qatar | +97472249657| awaism551@gmail.com | [Portfolio](#)| [LinkedIn](#)| [GitHub | StackOverflow| Hackerrank| Linktree](#) | [DINQ](#) | [Credly](#)

- **Software Solutions Architect** graduated from PUCIT, Lahore, Pakistan with extensive Industry experience in architecting software solutions.

- Industries worked in: Software Services, Product Based Companies, Startups, Govt organization, Corporate sector.

- Deep understanding of the entire Software Development process from front-end/back-end/System Design to create scalable, resilient, fault tolerant and cost effective software solutions.

- Handled small scale Projects to Enterprise Apps, Experience working from a **Team Lead** to junior Software Developer

- Well Versed in **Agile Development** Methodologies Experience working in Cross Functional Teams Excellent Communication Skills, Team Player

TECHNICAL SKILLS

Front End: Reactjs | Nextjs | Angular2+ | AngularJS | JavaScript ES5 | JavaScript ES6 | backbone js | HTML5 | Apollo Angular | Jquery TypeScript

Back End: Node JS | Nestjs | Firebase | ExpressJs | C# | Python Flask/Django

UI Skills: Material UI | Angular Material | Bootstrap | Tailwind | SCSS | SASS | CSS

Databases: SQL | PostgreSQL | Firebase Realtime Db | Mysql | Firebase Cloud Firestore | MariaDB | Mongo DB | Greenplum | AWS RDS | AWS DynamoDb | Apache Cassandra

Cloud: AWS | MS Azure

AI Dev Tools: Langchain | OpenAI | pgvector

Headless CMS: Strapi | Directus | KeystoneJS

Mobile App Dev: Ionic | Phonegap | Cordova | Capacitor | Nativescript

Tech Stacks: MAIN (MySQL Angular Ionic Node) | MEAN | MERN

Other Tech & Tools: WebPack | Momentjs | Babel | gulp | JSON | AJAX | JADE | .Net | VBScript

ORM: Typeorm | knex js | mongoose | sequelize **| Scripting:** Bash Script **| Desktop App Development:** Electron | Ionic (Electron platform) **| State Management:** Redux | React-Redux | next-redux-wrapper | Rxjs

Version Control: Tortoise git | GIT | GitHub Desktop | GitHub | Bit bucket | **Auth:** OAuth | Keycloak | Kong | NextAuth.js | Firebase Auth | AWS IAM Admin

Apis: GraphQl | REST | Swagger **| Devops:** Docker | Jenkins | Azure pipelines | Bitbucket pipelines

QA Automation: jest | cypress | playwright

PROFESSIONAL EXPERIENCE

[QC+](#) |[Memberships Portal](#) |Senior Web Consultant| Sep2025 – Feb 2026

- **Led the architecture and delivery of a centralized Memberships Platform for QC+ and Qatar Museums**, migrating **100K+ members** from legacy systems and fully digitizing corporate, individual, and event-based memberships. The platform unified **RBAC-driven admin workflows, membership approvals, ticketing, and QNB payment integrations**, built on **Next.js, NestJS, Hasura GraphQL, and Azure PostgreSQL**, and now serves as the **core system for cultural event access and monetization across all museums**.

[Port Software](#) | [Daleel Aqar](#) |Software Architect| Feb 2025 – Aug 2025

- Engaged as a Software Consultant by Port Software to advise and deliver key architectural guidance for Daleel Aqar, a large-scale real estate platform enabling property buying, selling, and rentals. Led end-to-end technical consulting across planning, architecture, and deployment, leveraging Angular, NestJS, GraphQL, PostgreSQL, and AWS, structured within an Nx.dev monorepo to ensure scalability, maintainability, and rapid team onboarding.

- Architected app fully compliant to WCAG guidelines to get the official levelaccess certification
- Established AWS based devops practices including dockerized services, bitbucket pipelines, monitoring, IAM roles management, secure infrastructure etc

Authentic Influencers | Software Architect | Jan 2025 – Feb 2025

- Designed and delivered the architecture for a **platform connecting Instagram and TikTok influencers with brands**, enabling seamless pitching, negotiations, and deal finalization.
- Implemented a **React-based frontend** integrated with a **Directus headless CMS (Node.js)** to provide dynamic content management and flexible editorial workflows.
- Architected **AWS-based microservices** for authentication, content delivery, and notifications, ensuring scalability and security.
- Established integrations between **Directus CMS and AWS microservices** via **GraphQL/REST APIs**, enabling smooth data exchange and API-driven development.
- Mentored the development team on **engineering best practices, modular design, and cloud deployment strategies**, leading the project from initial architecture through to successful full deployment on AWS.

Afiniti | Lahore, PK | **Software Engineer 2** | Dec 2020 – Oct 2022 | **Sr Software Engineer** | Nov 2022 – Dec 2024

Experienced Full Stack Developer with a proven track record of success in working on a diverse range of microservices at Afiniti, a global leader in applied artificial intelligence and advanced analytics. Facilitated the timely delivery of products by leading the collection and analysis of User Stories, Tasks, and subtasks, and supporting ongoing Sprints on Jira.

Revolutionized development efficiency by introducing automated testing frameworks which reduced bug fix time and improved code quality during critical project stages.

Boosted system performance/response times for data-intensive and ETL applications by designing and fine-tuning microservices using advanced technologies.

Eased form creation for surveys/inquiries by developing Screen Designer, a user-friendly form builder with drag-and-drop features.

Enabled call centers to customize and adjust real-time reports for better operational insights by improving the CMS Reporting module and adding filters, tables, charts, and map functionalities.

1. **Performance Reporting** (Jun 2023 – Dec 2024)

- Engineered a **reporting platform** that provides senior management and stakeholders with clear insights into Afiniti product performance across client environments, using **interactive reports, graphs, and sheets** for strategic decision-making.
- Designed and deployed an **AI-powered chatbot assistant**, enabling stakeholders to query performance data conversationally and receive dynamic insights about different clients.
- Implemented an **AI stack** using **OpenAI APIs integrated with LangChain and PostgreSQL (pgvector)** for semantic search and contextual responses.
- Integrated the chatbot with the reporting dashboard via **REST APIs**, allowing real-time answers alongside visual analytics.
- Led the project end-to-end from **architecture design to deployment** on portal.afiniti.com, ensuring scalability and secure access for global stakeholders.

2. **WFM Historical Connectors** (Apr 2023 – Oct 2024)

- Architected an ETL application to export, transpose, and load historical data from Afiniti databases into client environments, streamlining data synchronization and integration:
- Fueled product user adoption rate by customizing the app functionality to meet the unique requirements, configurations, and environments of diverse clients
- Ran complex data migration initiatives, leveraging advanced SQL expertise and a deep understanding of database transactions to transfer large datasets while maintaining data integrity

3. **WFM (SAAS)** (Dec 2021 – Nov 2023)

- Delivered highly flexible solutions tailored to each client's unique needs by creating a scalable, tenant-based microservices architecture, utilizing diverse technologies.
- Implemented Role-Based Authorization and Authentication (RBAC) using Keycloak, incorporating time zone handling for seamless global user access management.
- Streamlined agent scheduling in contact centers by providing a clear, accessible system for viewing weekly, monthly, and daily schedules for better planning and flexibility:
  - Assigned agents to appropriate Workforce Groups, Skills, and Planning Groups which enhanced service delivery and operational efficiency while managing Time-Off Requests for agents, supervisors, and managers, ensuring optimal resource allocation.
- Utilized statistical techniques to analyze large data sets, forecast schedules, and optimize planning, while creating comprehensive live and historical reports to provide strategic insights and a broader perspective.

4. **Db Utility** (Apr 2021 – Nov 2022)
- Developed a utility service for Afiniti's internal teams which enabled the smooth deployment of database schemas, tables, stored procedures, functions, views, and triggers on both production and staging servers.
- Managed and safeguarded database server data through robust backup and log tracking functionality, ensuring data protection and preventing system issues.

5. **Visenya** (Nov 2023 – Dec 2024)
- Built Platform to Automate Data Pipelines for AI and Data Integration Teams at Afiniti using **Nodejs, Nextjs, Python, Airflow, Postgres**
- Interact daily with AI teams to gain insights and develop the platform in mentioned tech
- Built a wrapper around Apache Airflow to simplify task automation and improve workflow management.

Phaedra Solutions | Lahore, PK | **Software Engineer** | Sep 2018 – Sep 2019, **Team Lead** | Sep 2019 – Nov 2020
- Planned, executed, and delivered diverse products/projects within the defined time and budgetary constraints with the utilization of advanced technologies, such as AngularJS, Angular2+, Ionic, Nodejs, Nestjs, ExpressJs, Sequelize, and GraphQL. Oversaw daily operations, organized sprint plans, and coordinated client interactions using Trello, Jira, and ClickUp, enhancing project flow and team alignment.
- Brainstormed ideas and delivered innovative design solutions by facilitating collaborative sessions with designers, cross-functional teams, and clients.
- Built APK/IPA files post-successful testing and deployed iOS apps to App Store and TestFlight for public release and beta testing.

1. **Omni Central** | Web Link
- Contributed towards the creation of an all-in-one platform that allows customers to communicate using various channels, such as SMS, WhatsApp, email, and live chat while incorporating CRM, inbox management, directories, and spreadsheet features to improve user experience and streamlining communication:
  o Worked on inbox module, handling both frontend and backend tasks, from designing dynamic views to ensuring seamless backend integration

2. **Aduro** | App Store Link | Google Play Store Link
- Developed a hybrid app using Ionic1 to interface with hardware controllers which enabled remote management of devices such as DHW systems, hoppers, and boilers:
- Upgraded the app to an advanced Ionic 4 version, elevating product performance, speed, and overall user experience

DynaSoft Cloud | Lahore, PK | **Software Engineer** | Jan 2018 – Sep 2018
- Part of the Full Stack Developer team to enhance and integrate new features on the Netsuite platform, driving improvements in system performance and improving operational efficiency for clients. Led the design and enhancement of front-end applications connected to the Netsuite Backend, utilizing AngularJS, Angular2+, and jQuery.
- Integrated Netsuite with various technologies and systems, streamlining data flow and enhancing app functionality across multiple systems for improved business processes.

SW3 Solutions | Lahore, PK | **Software Engineer** | Sep 2017 – Dec 2017
- worked on various PHP products, PHP Laravel, core PHP experience
- full stack development using LAMP stack

CERTIFICATIONS

Nest.js Developer – **UDEMY |** Ionic developer – **UDEMY |** AngularJS/Angular Developer – **UDEMY |** Certified JS Developer – **UDEMY |** AWS Cloud Practitioner Essentials **– AWS SkillBuilder |** AWS Cloud Quest Practitioner – **AWS SkillBuilder | AWS Solutions Architect –** Credly Link **|** WCAG principles and compliance – **UDEMY**