## IRSHAD ALI

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**SYNOPSIS**

* **Software Engineer** offering around 11+ years of experience in the full software development lifecycle – from concept through delivery of next-generation applications and customizable solutions.
* Experience of **Azure** and **AWS** Clouds.
* Proven expertise in handling **large datasets** and creating robust **data pipelines**.
* Adept at performing **root cause analysis** and **collaborating with teams** to resolve customer technical issues effectively.
* Active participant in **solution architecture**, contributing to module-level design and implementation with a **methodical problem-solving approach**.
* Experience of creating **highly standard software applications, tests and CI/CD pipelines**.
* Proficient in adopting and applying emerging standards in software development architecture and tools. Mentor and motivate fellow Developers.

**Technical Skills:**

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| **Languages** | C#, Typescript, Javascript, Html, Css, Python |
| **Server-side Frameworks / Techs** | .Net Framework, .Net Core, LinQ, MVC, Web API, WCF, Identity, EnitiyFramework, Autofac, Unity, AutoMapper, Nest, Fody, Razor Engine, Unit Tests, Nodejs, Express |
| **Client-side Frameworks / Techs** | Angular, Angular Material, jQuery, Ajax, DataTable, Bootstrap, Tailwind |
| **Data Store** | ElasticSearch, Sql Server, PostgreSql, Azure Blob Storage, AWS S3, Apache.Ignite |
| **Cloud** | Azure, AWS, IBM |
| **Others** | Git, Azure DevOps, Jira, Jupyter Notebook, DOMO, Dataiku |
| **Development Tools** | Visual Studio, VS Code, Github Copilot, Cline, Postman |

**Work Experience**:

**Persistent Systems**

* **Project Lead** (Jan 2024 – Present)
* **Software Engineering Lead** (Nov 2021 – Dec 2023)
* **Senior Software Engineer** (Jul 2017 – Nov 2021)
  + Led development and architectural improvements in multiple cloud-based applications.
  + Implemented security enhancements, optimized data pipelines, and led CI/CD improvements.
  + Mentored junior developers and collaborated with cross-functional teams to enhance application performance.

**Brain Technosys**

* **Senior Software Engineer** (May 2015 – Jun 2017)
  + Designed and developed scalable applications, enhancing system performance.
  + Led the transition of applications to modern frameworks and optimized database structures.

**ATG Trans**

* **Software Engineer** (Nov 2014 – May 2015)
  + Developed robust web applications, focusing on backend optimization and security.
  + Enhanced system reliability through comprehensive unit testing and debugging.

**Key Projects**

**Nomis Price Manager**

* **Tech Stack:** AWS ECS, CloudWatch, S3, BullMq, Node.js, Meteor, sinon, chai
* Led implementation of pricing attributes, templates, and rate adjustment rules to be dynamic, configuration-driven model, improving maintainability and enabling faster rollout of pricing strategies.
* Implementation support for large file handling, diff viewer, validations maker/checker process and activation.

**Smartlinx (Healthcare Workforce Management)**

* **Tech Stack:** .NET Core, Microservices, SQL Server, Azure DevOps
* Led **security implementation and penetration testing**, ensuring compliance with healthcare standards.
* Optimized **real-time workforce scheduling** to improve efficiency across multiple facilities.
* Collaborated with cross-functional teams to enhance **time tracking and payroll integration**.

**Cookie Compliance (Web Privacy & GDPR Compliance)**

* **Tech Stack:** AWS (EB, S3, ElastiCache, PostgreSQL, CloudFront), Node.js, Angular
* Designed and developed a **fully customizable cookie consent solution**, supporting **GDPR & CCPA compliance**.
* Engineered **cookie categorization & blocking automation**, reducing compliance risks.
* Developed **multi-tenant admin portal** for managing banner customizations and analytics.
* Led **high-performance optimizations**, reducing **infrastructure costs by 30%** and improving **API response times by 40%**.

**Microsoft Deployment Summary Online (SAMCDSO)**

* **Tech Stack:** ASP.NET Core, EF Core, Azure SQL, Blob Storage, Dynamics CRM, Angular
* Architected and developed a **multilingual data collection system** for Microsoft customers.
* Built an **automated analytics engine** to suggest licensing optimizations, increasing **cloud adoption**.
* Integrated **Azure Blob Storage** for scalable document management.

**Microsoft Cyber Security Self-Assessment**

* **Tech Stack:** C#, ASP.NET MVC, Azure DevOps, Azure SQL
* Developed a **self-assessment tool** for cybersecurity awareness, impacting thousands of users globally.
* Implemented **localized security recommendations**, tailored for different regions.
* Optimized API response times by **40%**, improving user experience and engagement.

**VQBZ (E-Commerce Platform)**

* **Tech Stack:** ASP.NET MVC, WCF, Elasticsearch, Cassandra, Angular
* Designed a **scalable, EAV-based database schema**, enabling flexible product management.
* Integrated **geo-based search & recommendation system** using ElasticSearch.
* Developed **multi-vendor onboarding & order tracking system**, increasing operational efficiency.

## Academics:

* **M.C.A** from Indira Gandhi National Open University, Delhi.
* **PgDCA** from Indira Gandhi National Open University, Delhi.
* **B.Sc** from Shri Aurobindo College (Delhi University), 2010.

## Personal Attributes:

* **Problem-Solver**: Methodical and analytical approach to tackling technical challenges.
* **Leader & Mentor**: Passionate about guiding teams and fostering skill development.
* **Adaptable & Quick Learner**: Thrives in fast-paced environments, always up to date with emerging technologies.

**Date:**

**Place: (IRSHAD ALI)**