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| |  | | --- | | **Nitesh Kumar** | | **▪ Certified Azure Architect with Specialization in AI and IoT** | | |  | | --- | | **Contact** | | **Mobile :** +91-8130881007  **E-mail Id :** [KumarNitesh@outlook.com](mailto:KumarNitesh@outlook.com) | |
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| |  | | --- | | **About** | | Experienced Microsoft professional enthusiastic about technology, specializing in solving complex issues and architecting scalable, secure, and universally available distributed systems. | | |
| |  | | --- | | **Work Experience** | | |  |  |  |  | | --- | --- | --- | --- | | **Company Name** | **Location** | **Designation** | **Timeline** | | TCS | Hyderabad | Associate Consultant | Dec-2023 to Present | | Microsoft | Hyderabad | Senior Consultant | Jul-2018 to Nov-2023 | | Bold Technology  (A Product Company) | Noida | Technical Lead | Jun-2015 to Apr-2018 | | Aristocrat Gaming  (A Product Company) | Noida | Engineer II | Oct-2013 to May-2015 | | Infosys Limited | Bengaluru | Senior System Engineer | Jun-2010 to Sep-2013 | |  |  | | --- | | **Skills** | | |  |  |  |  | | --- | --- | --- | --- | | Microsoft Azure | Azure Functions | Azure Open AI (Gen AI) | Azure Service Bus | | Azure PaaS | Azure Cosmos DB | Azure DevOps | Azure IoT | | Data Structures | Algorithms | System Design | Design Patterns | | C# .Net Core | Angular React | Asp.Net MVC Web API | MS SQL Server | | Microservices | Containerization | Event Driven Architecture | Serverless Computing | | | |
| |  | | --- | | **Achievements** | | |  |  | | --- | --- | | Award | ICC Award for Mar'22 and LED Champions for H2'21 at Microsoft  2 Spot Awards and 2 Winning Ways at Aristocrat Technologies  Spot Award for Q3'2012 in Infosys | | Certification | Microsoft’s AI Odyssey Challenge  Microsoft Certified: Azure Solutions Architect (AZ-303 + AZ-304)  Microsoft Certified: Azure Developer Associate (AZ-204)  Microsoft Certified: Azure DevOps Engineer Expert (AZ-400)  Microsoft Certified: Azure IoT Developer Specialty (AZ-220)  Microsoft Certified: Azure AI Engineer Associate (AI-102)  Microsoft Certified: Azure Cosmos DB Developer Specialty (DP-420) | | Published IPs | Azure IoT Edge Module Deployment in Microsoft  Blob Storage Operations Service in Microsoft | | Scholastic | Achieved a GATE percentile score of 96.83 | |  |  | | --- | | **Education** | | |  |  |  | | --- | --- | --- | | **University/Board** | **Course** | **Institute** | | GGSIPU | B. Tech | Maharaja Agrasen Institute of Technology, Delhi | | CBSE | Senior Secondary | Delhi Public School, Mathura Road, New Delhi | |  |  | | --- | | **TCS Projects (Client – London Stock Exchange Group, Role – Solution Architect)** | | * Led the optimization of Amazon Redshift queries, resulting in a notable 60% improvement in overall database performance.   **Technologies:** AWS RedShift,Tornado, Vectorwise, Azure PaaS, Azure Open AI, Multithreading |  |  | | --- | | **Microsoft Projects** | | * Implemented Enterprise Search using Prompt Engineering which makes use of Semantic Kernel and harnessed Semantic Search and vector embedding capabilities of Cognitive Search to enhance information retrieval and analysis. * Designed and implemented Managed Identity, accelerating authentication performance for Azure Storage Account and Cosmos DB by 25%. * Pioneered the creation of 100+ Car Services in the Microsoft Connected Vehicle Platform, leading to improved experience for 5 million registered cars. The platform efficiently handled a high volume of 50 billion messages per month. * Created an architecture for synchronizing Azure Budget’s data between cross cloud environments resulting in a 30% reduction in data synchronization time. * Designed the digital platform architecture and user interface, leading to a 50% increase in the innovation pipeline for Independent Software Vendors (ISVs) and fostering a thriving IoT edge computing developer ecosystem.   **Technologies:** OpenAI, Generative AI, Prompt Engineering, Semantic Kernel, Azure Cognitive Search, Service Fabric, Azure Monitor, Managed Identity, API Management, Azure IoT, IoT Edge |  |  | | --- | | **Other Important Projects** | | * Engineered an innovative search algorithm that empowered users to efficiently filter and discover job postings based on location, industry, and experience level. This contributed to a substantial 30% increase in user engagement, elevating overall user experience. * Developed a robust, scalable job feed processing system that consistently handles over 1 million job listings daily with exceptional fault tolerance and reliability. * Developed a background batch processing job that automated the posting of player ratings, processing over 10,000 records per hour, resulting in an 80% reduction in manual effort. * Designed and developed an application to create and update checksums for all accounts and transactions, providing a crucial function in ensuring data integrity. * Pioneered a responsive and automated Dashboard, leading to a 20% increase in data accessibility, empowering stakeholders to make informed data-driven decisions.   **Technologies:** .Net Core, Azure PaaS, Microservices, Serverless Computing, OAuth, Solr, Angular, .Net Framework 4.5, MVC, Web API, SOAP, Identity Server, Angular, SQL Server, Net Framework, Asp.Net, WCF, Entity Framework, LINQ, HTML/CSS, JavaScript | | |