Rais Kazi

Senior Architect – Technology

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Summary

Highly experienced professional with 20 years of experience specializing in Cloud, Mobile, Web, AI/ML, Data and Generative AI solutions. Proven track record of leading and delivering impactful solutions for Fortune 500 clients. Proven leadership in guiding and mentoring technical teams, driving innovation, and achieving significant business outcomes. Enthusiasts of technologies such as Cloud, Artificial Intelligence, Generative-AI, Physical-AI, Large Language Models, Machine Learning and Data.

Certifications

Issuing organization	Certification
Stanford Online	Machine Learning Specialization
DeepLearning.AI	TensorFlow Developer
DeepLearning.AI	Neural Networks and Deep Learning
Google Cloud	Cloud Digital Leader Certification
MongoDB	SI Associate Certification
Microsoft	AZ-204: Microsoft Certified: Azure Developer Associate
Amazon Web Services	Amazon Web Services Cloud Practitioner
Microsoft	Microsoft Certified AI-900 - Microsoft Azure AI Fundamentals
Oracle	Oracle Cloud Infrastructure 2023 AI Certified Foundations Associate
Microsoft	Microsoft Certified AZ-900 Azure Fundamentals

Technical Skills

- Generative AI, Large Language Models, Vertex AI, Gemini Models, Prompt Engineering, Model Tuning, LLM Agents, RAG, Vector Databases

- Machine Learning, Deep Learning, TensorFlow, PyTorch

- Google Cloud Platform, MS Azure Services, Azure AI Foundry, AWS, Terraform

- Architecture, Design, Development, CICD, Disaster Recovery

- Java, Python, C#, .Net, JavaScript, jQuery, Angular, Typescript

- SQL Server, MongoDB, Oracle, MySQL, Sybase

- Microservices architecture, JSON, XML, SOAP, OAuth, JWT

- VS Code, Cursor, Eclipse, IntelliJ, Android Studio, Xamarin Studio, Visual Studio

- Visio, UML, TFS, Perforce, GIT, GitHub, Linux, Unix, Windows, SSH Programming

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Work History

MAR-2015 – Present | Senior Architect | Cognizant Technologies Solutions, Irving, TX

- Mentor and guide team members, empowering them to develop their skills and advance their careers.
- Coordination with Client's Emerging Technology team for Generative AI preparedness.
- Collaborated closely with the sales team, providing technical expertise and solution architecture to develop proposals and support pre-sales activities.
- Evaluate and judge ideas and solutions in the Cognizant's internal hackathons.
- Participated in hackathons involving GCP Vertex-AI, Azure AI/ML, Generative AI and LLM models.
- Participated in design, architecture, and planning meetings with stake holders of Systems.
- Lead and participated in Disaster Recovery exercise in MS Azure Cloud Production environment.
- Lead and coached team members to ensure that architecture and design best practices are followed.
- Document design analysis of new business enhancements.
- Used source code repositories such as TFS, Git and GitHub for code merging and branching and CICD.
- Used technologies such as MS Azure services, AI Service, AWS, Web-API, C#, .Net Core, Java, Spring Boot, Angular, HTML 5, SQL Server, SSIS, Xamarin, Visual Studio, VS Code etc.
- Database development and design of SQL Server database using TSQL, Stored Procedures, User Defined Functions and Triggers.

DEC-2009 – FEB-2015 | Associate Software Specialist | Synechron Inc., Charlotte, NC

- Involved in design, development, unit testing, deployment and production support.
- Won new Project because of proactive and innovative solution.
- Worked in Agile Methodology model.
- Involved in planning, discussion and estimation of user-stories.
- Involved in development using technologies such as Dot NET, MVC, Java, SQL Server, JavaScript, jQuery, and SharePoint.
- Used TFS and Perforce for version control and build management.
- Database development and design of SQL Server database using TSQL, Stored Procedures, User Defined Functions and Triggers.

AUG-2007 – DEC-2009 | Module Leader | Ventura Pvt. Ltd., Pune, MH, India

- Involved in setting up Dot Net development environment in the Company.
- Participated in the hiring process of Dot Net developers and UX designer.

- Won new Client by demonstrating excellent work.
- Development using Dot Net, MVC, Ajax, HTML 5, CSS, jQuery and C#.
- Database development and design of MySQL, Oracle 10G database using TSQL, Stored Procedures, User Defined Functions and Triggers.
- Participated in deployments and support of applications.
- Coordination with QA/BA team members for QA and UAT testing.

NOV-2006-JUN-2007 | Software Consultant | Zensar Technologies, Pune, MH, India

JUL-2006- NOV-2006 | Software Engineer | SEED Infotech, Pune, MH, India

APR-2006- JUN-2006 | Software Professional | Extentia Information Technology, Pune, MH, India

JUL-2005- MAR-2006 | Software Engineer | Ecotech IT Solutions, Pune, MH, India

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Projects

PROJECT#1

Name: Electronics Communication System (Crew-Experience App)

Client: American Airlines

Duration: Mar-2023 to Present

Role: Senior Architect

Technologies Used: MS Azure Core, Data and AI Services, Java, Spring Boot, SQL Server 2016, Angular, Git, GitHub, Coverity

Description: This Project has the following main modules.

1) ECS (Electronic Communication System) – This is to send various notifications to Pilots and Flight attendants. Users can set their preferences to choose, how they want to get notifications. The system sends notifications to users via email, text message, phone call or in-app message. It has a Gen AI based Two-Way-Communication solution via which users reach out to contact center.
2) Admin Application- This application is used by Crew Schedulers and Crew Trackers in American Airlines Contact Center to support Pilots. It also has Two-Way-Communication via which Crew Scheduler or Crew Trackers respond to issues reported by Pilots.
3) AA-Pilots- This module provides various features to Pilots like Direct-Connect, Report Deadhead, Landings, Passport/Visa etc.

PROJECT#2

Name: Pilot Bidding & Trading System

Client: American Airlines

Duration: July-2022 to Feb 2023

Role: Senior Architect

Technologies Used: MS Azure Services, Java, Spring Boot, SQL Server 2016, Angular, Git, GitHub, Coverity

Description: In American Airlines this System is used by Pilots and First Officers to search, manage, and trade flights in which they are interested to fly. There are three important applications of this System. It is integrated with multiple applications for rules, regulations and validations.

PROJECT#3

Name: eBusiness

Client: The World Bank Group

Duration: April-2017 to June-2022

Role: Architect

Technologies Used: MS Azure Services, Azure AI Services, C#, .Net Core, Web-API, AngularJS, JavaScript, jQuery, SQL Server 2016, SSIS, Splunk, DocuSign, TFS

Description: eBusiness is an important B2B Website for World Bank which handles four business modules.

WFA – This module handles loan application submission and approval process from countries around the globe to World Bank. Treasury – This business module handles various types of World Bank reports for Treasury department. DFI - This business module is for Donors of World Bank. MIGA – This business module is for Investor Client users of World Bank.

Education

Bachelor of Computer Science | Pune University | Pune, MH, India

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