RONAK MAKWANA

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Summary

- Azure Data Engineer specializing in Azure Data Factory, Azure Databricks, Azure Data Lake, and Azure SQL.
- Proficient in Azure API Management, Logic Apps, Functions, and .NET MVC.
- Mastery in crafting end-to-end pipelines in Microsoft Azure using Azure Data Factory and Databricks.
- Expertise in Data Warehouse and migrating On-premises databases to Azure Data Lake using Azure Data Factory.
- In-depth understanding and application of data modeling, integration, and warehousing concepts with Azure SQL Data Warehouse, Azure Synapse Analytics, and Azure Analysis Services.
- Implementation of CI/CD using DevOps methodologies for streamlined development and deployment processes.
- Strong problem-solving abilities and a track record of delivering high-quality solutions in complex data engineering projects.
- Collaborative team player with effective communication skills and a commitment to meeting project deadlines.
- Proven ability to design and implement scalable and efficient data solutions that align with business objectives.
- Adept at staying current with emerging technologies and trends in the data engineering landscape.
- Results-driven with a focus on optimizing data processes and improving overall system performance.
- Demonstrated leadership in implementing best practices for data engineering and fostering a culture of continuous improvement.
- Extensive experience in designing, implementing, and maintaining data architectures that support diverse analytical and reporting needs.

Skills

Microsoft Azure • Artificial Intelligence • Dynamics 365 • Microsoft BizTalk • Microsoft Fabric • Synapse • Data Lake • Databricks • Purview • Logic Apps • Azure Functions • API Management • Data Engineering • Analytics • Data Management • Data Factories • DevOps • Git • Terraform • Power Platform • Cosmos DB • SQL Server

Experience

🟡 **Software Engineer**
CooperSurgical
Nov 2021 - Present (2 years 3 months)

CooperSurgical is a leading fertility and women's health company dedicated to putting time on the side of women, babies, and families at the healthcare moments that matter most in life. I have worked with CooperSurgical as Software Engineer on various Integration projects and Internal applications.

• Designed and implemented various data pipelines using Azure Data Factory and Databricks and various integrations using Logic Apps, Functions, and Azure App services within the Genomics Data Integration Platform.
• Integrated a third-party system to process patient test results, enhancing data flow and accessibility.
• Developed APIs using App services and utilized Azure API management to expose APIs to clinics,

facilitating seamless data communication.

• Created multiple Logic Apps to efficiently process lab results and test forms, optimizing data workflows.

• Utilized Azure FHIR service to convert TRF and LAB results into HL7 and FHIR formats for improved interoperability.

• Implemented a dashboard using Angular to monitor and maintain the status of each TRF and Lab Result process.

• Designed and deployed an individual web application for reading barcodes and generating printable labels for the Manufacturing team.

• Developed an API in Azure for Foreign Exchange Rates Integration, involving JSON reception, rate calculations, and updating Dynamics 365 F&O.

• Orchestrated an integration process for HFM, exporting financial data from Dynamics 365 Finance and Operations using Data Management Framework, Azure Data Factory, and Azure SQL Database.

• Engineered a DocuSign New Customer Application Integration process, utilizing DocuSign APIs,Azure Logic Apps, and APIM Services to send and manage customer application forms effectively.

Sr. Software Engineer (Azure)
NetWeb Software
Jan 2020 - Nov 2021 (1 year 11 months)

NetWeb Softwares provides high end business software solutions, professional services, and innovative products to customers, including fortune 500 enterprises and large technology giants across the globe. I have worked with Netweb as Senior Software Engineer on a real estate client's project.

Sales Force Integration

• Created multiple integrations with Property and Supplier management system and SalesForce.

• Extensively used LogicApps, Functions, Data Factory, and other Azure components.

• Developed ESB Pattern using Service Bus Topics.

• Used Azure Storage (BLOB, Tables) to store various files.

• Created technology framework for customer experience portal to send emails and text notifications, integrated with document management system.

Azure Developer
Megh Technologies
Feb 2017 - Dec 2020 (3 years 11 months)

Megh Technologies is one of the oldest IT Services companies based in Vadodara, and has over 200 clients in the vicinity, specializing in Industrial Transformers Industry. Megh Tech provides Technical Consultancy services to many of their clients in the middle east as well. I was part of their development team for one of the new SAAS based products called Trafosys.

Product: Trafosys

• The product was a SAAS based portal used by many of the clients who design and built heavy duty transformers.

• As part of the intelligence engine, it required a huge chunk of data from various commodities market tobe retrieved, transformed, and loaded into a structured format.

• I worked with a team to create an Azure Data Factory solution that retrieved data by calling various APIs on schedule and read files from Blobs and loaded them into various tables for the intelligenceengine to process.
• Also used Data Factory to read data from an API, when customers imported bulk data points that were required to generate transformer designs.
• I also created some functions to process and enrich some complex logic and workflows.

Senior Software Developer
Crawded Education Network
Dec 2014 - Jan 2017 (2 years 2 months)

Crawded was an Education Technology startup two mobility products, with a major AzureImplementation on the backend with multiple data sources, APIs, and integrations.

• Part of Microsoft BizSpark program.
• Mentored and supported by Microsoft Resources and some of their pre-public release technologies.
• Used LogicApps in its infancy to build several APIs and Workflows.
• Created Custom Connector to connect to MongoDB to retrieve documents in real time.
• Integrated with third party APIs like YouTube, Wolfram Alpha etc.
• Design solution for multiple platform Realtime notification using Azure logic apps, Azure Functions, Google Firebase, SendGrid and Twillio.
• Integrated with many Web APIs, Transformed XMLs and JSONs into local proprietary format, all with very high efficiency because end users were mobile app users with relatively slower bandwidths.

• Helped create an almost-real time SQLite database mechanisms to be deployed on mobile phones.

.NET / Web Developer
Megh Technologies
Apr 2013 - Dec 2014 (1 year 9 months)

Megh Technologies is one of the oldest IT Services companies based in Vadodara, and has over 200 clients in the vicinity, specializing in Industrial Transformers Industry. Megh Tech provides Technical Consultancy services to many of their clients in the middle east as well. I was part of their development team for one of the new SAAS based CRM System and worked on many web apps development using .NET framework.

Responsibilities:
• I joined Megh Tech as a College Graduate to work on their .NET development Team.
• I worked on many web apps, CMS systems for their clients.
• I also worked on one of their home-grown CRM systems.
• Built several integration points for the CRM to be easily connected to other systems for the clients using SOAP web services.
• Worked on a major integration for one of the CRM clients to integrate with QuickBooks.

Education

Shridhar University

Bachelor of Computer Applications, Computer Science

Licenses & Certifications

Microsoft Certified: Azure Fundamentals - Microsoft
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Microsoft Certified: Azure Data Fundamentals - Microsoft
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Microsoft Certified: Azure Data Engineer Associate - Microsoft
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