**Curriculum Vitae**

**Sai Akhil**  
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**Objective:**  
Azure Data Engineer with 7+ years of experience in architecting, implementing, and optimizing data solutions on Microsoft Azure. Seeking to leverage expertise in Azure cloud technologies and data management.

**Professional Experience:**

**Senior Azure Data Engineer, Qentelli Solutions, Hyderabad**  
*September 2022 – Present*

Here’s a more concise version of the project descriptions:

**Project: Fleetcor**

* Maintained and optimized a large-scale database system.
* Collaborated with cross-functional teams to resolve complex issues.
* Recreated and optimized stored procedures based on business requirements.
* Refactored procedures for efficiency and maintainability.
* Monitored database performance and implemented optimization strategies.
* Documented database design, schemas, procedures, and troubleshooting guides.

**Technologies Used** : Azure Data Factory, Sql, Databricks Scala, Python

**Project: CICIS Pizza**

* Led data migration from on-premise SQL Server to Azure SQL Database.
* Assessed migration requirements and potential challenges.
* Configured Azure SQL Database with appropriate security measures.
* Designed SSIS packages for data extraction and loading.
* Optimized SSIS package performance to minimize latency and maximize scalability.
* Implemented monitoring and logging for real-time issue detection.
* Provided training and documentation for team members to support the migration solution.

**Technologies used**: ADF, Databricks Pyspark, Scala, MSSQL

**Associate Sr. Data Engineer, Anblicks Solutions, Hyderabad**  
*January 2022 – September 2022*

* Managed diverse Data Engineering projects.
* Migrated SSIS pipelines to Azure Data Factory (ADF) and recreated their functionality in ADF.
* Developed SSIS packages in ADF using activities like Lookup, Metadata, Foreach, If conditions, Copy, and Stored Procedure.
* Integrated Azure Databricks notebooks into ADF pipelines for advanced data processing and analytics.
* Facilitated data movement and integration to Azure Synapse Analytics using ADF, optimizing data loading and transformation.
* Utilized Python in Azure Databricks for complex data transformations and analytics.

**Technologies used**: Azure Data Factory, Azure Synapse Analytics, SSIS, Azure Databricks, Scala, PySpark, Azure Logic Apps.

**Data Engineer, Joulestowatts Business Solutions, Hyderabad**  
*April 2021 – January 2022*

* Analyzed data processing needs and implemented iterative techniques for large data volumes.
* Applied triggering conditions in data pipelines to automate workflows based on predefined criteria or events.
* Integrated Azure Data Factory (ADF) with Azure Cognitive Search for enhanced data search capabilities.
* Configured ADF pipelines to ETL data into Azure Cognitive Search indexes for fast search results.
* Integrated ADF databases with Power BI for advanced data visualization and actionable insights.
* Designed and developed ADF pipelines to load data into Power BI datasets.
* Collaborated with stakeholders to define KPIs and visualization needs, creating custom Power BI reports for data-driven decisions.

**Azure Developer, Hanu Software Solutions, Hyderabad**  
*December 2018 – March 2021*

* Designed data pipelines for transformation using Azure Data Factory and Databricks.
* Migrated databases to Azure and configured virtual machines.
* Developed CSP billing tool with SQL Azure and Power BI.

**Software Developer, AS Soft Technologies, Hyderabad**  
*April 2016 – December 2018*

* Designed and implemented front-end solutions and migrated data to Azure.
* Set up Power BI for daily reporting.

**Education:**  
B.Tech in Electronics and Communication Engineering, Bharat Institute of Engg and Technology, Hyderabad, 2016

**Certifications:**

* Microsoft Certified: Azure Data Engineer Associate – DP 203
* Microsoft Certified: Azure 900

**Skills:**

* Microsoft Azure (Data Factory, Synapse, Databricks, Scala)
* SQL, SQL Server, Azure SQL Database
* Data Visualization (Power BI, Tableau)
* Strong communication and collaboration skills