**Abhirup** **Dey**

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**PROFILE SUMMARY**

As an IT engineer with 4 years of experience, I have gained expertise in developing and implementing complex systems, optimizing system performance, and ensuring seamless integration across diverse platforms. My experience in working with cloud-based technologies, including Azure Data Factory, Azure Data Lake, and Azure Databricks, has given me the necessary skills to handle complex data workflows, optimize data pipelines, and improve data quality.

**EXPERIENCE**

**Application Development Analyst** Jan 2022 - Present

Accenture, Bangalore

* Design and implement complex IT solutions, including data analytics and cloud- based systems, for clients in various industries.
* Specialize in Azure Data Engineering, working with clients to design and implement data-driven solutions that meet their unique business needs.
* Build and optimize data pipelines using Azure Data Factory, ensuring seamless integration with data sources and destinations.
* Implement data quality checks and data cleansing processes to ensure accurate and reliable data.
* Work with cross-functional teams to ensure successful project delivery, including requirements gathering, design, development, testing, and deployment.
* Experience with version control systems such as Git, and continuous integration and deployment using Azure DevOps.

**Software Engineer** Jul 2019 - Jan 2022

Robert Bosch Engineering and Business Solutions, Bangalore

* Led the design and implementation of data pipelines for large-scale data processing using Azure Data Factory and Databricks.
* Optimized data storage and retrieval using Azure SQL Database and Data Warehouse Built and maintained real-time data processing systems using Azure Stream Analytics and Event Hubs.
* Implemented data security and compliance controls using Azure Security Center and Azure Policy Collaborated with cross-functional teams to ensure data system reliability and scalability.
* Maintained documentation and provided training for data systems

**Project Intern** Aug 2018 - Apr 2019

Robert Bosch Engineering And Bu siness Solutions, Coimbatore

* Familiarization with NoSQL and SQL databases, querying and automation of customer requests.
* Visualization and storing customer data in a fully automated Dashboard with dynamic graphs and plot charts using web technologies.

**EDUCATION**

**Course M.Tech( Computers ) - Computer Engineering** Aug 2017 - Jun 2019

*Vellore Institute of Technology (VIT), Vellore*

**Bachelor of Technology (B.Tech.) - Electronics and Communication Engineering** Aug 2012 - Jun 2016

*Narula Institute of Technology, Kolkata*

**SKILLS**

**Intermediate in:** Azure Data Factory, DataBricks, SQL, Spark, Python

**LICENSES & CERTIFICATIONS**

**DP-900: Microsoft Azure Data Fundamentals** 2023

*Microsoft* - *I573-6704*

**Databricks Lakehouse Fundamentals** 2023

*Databricks* - *70428328*

**Google Data Analytics Professional Certificate** 2022

*Google* - *EMRKFWJENVUZ*

**AZ-900: Microsoft Azure Fundamentals** 2021

*Microsoft* - *H964-0748*