**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**

|  |  |
| --- | --- |
| * Python * SQL * Azure Data Factory * Azure DataBricks * PySpark * BI Tools | * Data Warehouse * Airflow * MLOps * DevOps |

**LICENSES & CERTIFICATIONS**

**Microsoft Certified: Azure Data Engineer Associate (DP-203)** 2023

*Microsoft* - *Credential ID I717-6357*

**Databricks Lakehouse Fundamentals** 2023

*Databricks* - *70428328*

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

*Microsoft* - *I573-6704*

**Google Data Analytics Professional Certificate** 2022

*Google* - *EMRKFWJENVUZ*

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

*Microsoft* - *H964-0748*

**PROFESSIONAL SKILLS**

|  |  |
| --- | --- |
| * Agile Mythologies * Quick Learner * Relationship building * Critical Thinking * Time Management * Project Management * Teamwork * Conflict Management | * Innovation & Creativity * Interpersonal Communication * Collaboration * Skill Development * Employee Motivation * Strategy * Decision Making * Negotiation |