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

|  |  |
| --- | --- |
| Azure Data Factory | **3 Years** |
| DataBricks | **2-3 Years** |
| PySpark | **2-3 Years** |
| SQL | **4 Years** |

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| --- | --- |
| Scala | **1 Year** |
| BI Tools | **2-3 Years** |
| Synapse | **2-3 Years** |
| DevOps | **4 Years** |

# 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**

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| --- | --- |
| * 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 |