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 – *Intermediate (3 years)*

SQL - *Expert (4 Years)*

PySpark – *Intermediate (2 Years)*

Scala – *Beginner (2 Years)*

Azure Data Factory - *Expert (3 Years)*

Databricks - *Intermediate (2 Years)*

ETL – Intermediate (2 Years)

BI Tools – Basic (1 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

Databricks Generative AI Fundamentals   2023
  Credential ID 79598165

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