

SANJIB BARDHAN

Software Engineer / Cloud Engineer / Data Engineer

Experienced Software Engineer with over 10 years experience in developing robust, scalable, and efficient frontend & backend systems. Expertise in React.js, Node.js, Express.js, MongoDB, Python, Django, PySpark, Azure & AWS. Proven ability to lead development teams, architect solutions, and deliver high-quality software.



✉ sanjibbardhan26@gmail.com

📍 DURGAPUR, India

🐙 github.com/SANJIB-BARDHAN

📞 9515972695 , 7908719790

🌐 linkedin.com/in/sanjib-bardhan-66566967

WORK EXPERIENCE

Software Engineer

Capgemini Technology Solutions Pvt. Ltd.

03/2023 - Present

Kolkata

Achievements/Tasks

- Working with Cloud infrastructure team on project Azure migration using **Azure Migrate, Azure Site Recovery, Azure Database Migration, Java, PL SQL & MongoDB**.
- Ability to **optimize storage and compute costs** using **OneLake shortcuts, Spark caching & Databricks**.
- Used **Gen AI** to **automate repetitive tasks** like code generation, **design suggestions**, and **UI optimization**.

Cloud Engineer

Stratosphere IT solutions Pvt. Ltd.

04/2022 - 02/2023

Hyderabad

Achievements/Tasks

- Built dynamic cloud applications using **Java, Python, Node.js, Express.js, and AWS Lambda** enhancing user experience.
- Expertise in Delta Lake architecture** (Bronze, Silver, Gold data layers). Used **MongoDB** as NoSQL database.
- Strong skills in **Ingestion from sources like Workday, CRM, Oracle, HFM, SAP, SQL, Git & REST APIs**.

Data Engineer

Just Dial Limited

07/2019 - 12/2021

Mumbai

Achievements/Tasks

- Experience handling semi-structured data** (JSON, Parquet, Avro, XML). Used **MongoDB** as NoSQL database.
- Increase 65% in efficiency using **Nodejs, python, AWS EC2, S3, Lambda & used pySpark** for data engine.
- Proficiency in Java, Python, PySpark, SQL, KQL, and Fabric Dataflows** for transformations.

ETL Engineer

Just Like New Technologies Pvt. Ltd.

07/2014 - 06/2019

Bangalore

Achievements/Tasks

- Experience in building **ETL/ELT workflows using Azure Data Factory (ADF)**.
- Integrated data from multiple sources, including **SQL** databases, **NoSQL** like **MongoDB** databases and **APIs**.
- Expertise in **Azure Purview, Sensitivity Labels, and Data Governance best practices**.

TECHNICAL SKILLS

JavaScript

React JS

Node JS

Python, Django

PL SQL/No SQL

Java

AWS

MS Azure

GCP

Tableau

Power BI

Kafka, PySpark

Databricks

Docker

Kubernetes

Jenkins, Github

Gen AI

INDUSTRIAL PROJECTS

1. Real-Time Chat Application : AMLIA (03/2024 - 11/2024)

- Create a real-time chat application where users can join chat rooms and send messages.
- Tools/Libraries: React.js as frontend, Node.js & Express.js as backend, Socket.io as networking, MongoDB as database & Passport.js for authentication.

2. Sales Forecasting and Optimization Using PySpark (02/2023 - 10/2023)

- Designed and implemented a sales forecasting system using PySpark to process and analyze large historical sales data, resulting in improved inventory management and increased sales efficiency.
- Tools/Libraries: Numpy, Pandas, PySpark, Spark MLlib, Python, SQL, Apache Kafka (for real-time data processing).

3. Doctor-Patient Appointment System : DPAS (01/2022 - 09/2022)

- DPAS is a web application where Doctor, Patient & Admin can login then patient can schedule an appointment with a doctor, Doctor can approve or delete appointment requests and admin can approve or delete a patient or doctor registration request.
- Tools/ Libraries: Frontend – HTML and CSS, Backend – Flask(Python), Database – SQLite3

EDUCATION

M.Tech in Information Technology (IT)

Moulana Abul Kalam Azad University of Technology, Kolkata

07/2021 - 06/2023

89.09%

B.Tech in Information Technology (IT)

West Bengal University of Technology, Kolkata

07/2010 - 06/2014

80.04%