



Tanvir Happy

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ABOUT ME

Results-driven **Data Engineer** with expertise in designing, developing, and optimizing **data pipelines, ETL processes, and data integration solutions**. Proficient in **SQL, PL/SQL, Azure Data Services, and cloud-based architectures** to deliver **secure, scalable, and high-performance data solutions**. Skilled in **data modeling, warehousing, big data tools, and Power BI** to enable actionable insights and drive business intelligence. Experienced in **automation, data quality assurance, and agile project management**, with a strong track record of collaborating with cross-functional teams to implement **robust, efficient, and reliable data systems**. Certified in **DP-203, AZ-204, and PL-300**, committed to leveraging **data-driven strategies** to optimize operations and support informed decision-making.

OBJECTIVE

To work as a Data Engineer, delivering robust, scalable, and high-performance data solutions for organizations.

SKILLS

Data Pipeline Development / ETL & Data Integration / SQL & PL/SQL / Big Data Tools / Azure Data Services / Data Modeling & Warehousing / Power BI & Visualization / Cloud & Azure Security / Data Quality & Validation / Agile Project Management / Scripting & Automation / Analytical Skills

WORK EXPERIENCE

Code Alpha

Cyber Security Intern (Remote)

[06/2025 – 09/2025]

- Assisted in identifying, analyzing, & mitigating security threats using advanced cybersecurity tools & frameworks.
- Applied the MITRE ATT&CK Framework to map adversary tactics & strengthen organizational defense strategies
- Conducted vulnerability assessments, risk analysis, & supported incident response through log analysis & threat investigation
- Gained hands-on skill with SIEM tools (Splunk, Microsoft Sentinel) for threat detection & SOC simulations.
- Contributed to security documentation, system hardening initiatives, and learned compliance standards, including ISO 27001 and NIST.

Hansen Technologies

Software Test Engineer

[06/2023 – 08/2023]

- Executed comprehensive PL/SQL and UI tests, improving system reliability and Order Processor performance.
- Refactored rulesets and developed dialogue features for power compensation systems in Norway.
- Utilized JIRA and Confluence for agile project management, defect tracking, and documentation.
- Collaborated with teams to identify and resolve defects, showcasing strong leadership and analytical skills.

EDUCATION

Bachelor

Western Norway University of Applied Sciences [2025]

City: Førde | **Country:** Norway | **Field(s) of study:** IT

Main Subject Skills Cover:

- Java , Python , C og C++ , C# , Javascript , HTML , CSS , Bootstrap, APIs
- Sql , No Sql , Postgres Sql , PL-sql , Database ,Machine learning , Scikit-Learn , Deep Learning , Artificial intelligence , MLOps
- Network(TCP/IP, UDP, DHCP, HTTP og HTTPS, DNS, IPv4, IPv6 & Network Protocols)
- Operative system(Linux , Ubuntu , Mac OS)
- System Development, SDLC, TDD,
- SDK Data structure and
- Algorithm
- Bash Shell and
- Scripting Azure
- Cloud Services

Professional Training & Certifications:

- **DP-203:** Microsoft Data Engineer Associate
- **AZ-204:** Microsoft Azure Developer Associate
- **PL-300:** Microsoft Power BI Data Analyst Associate

SOFT SKILLS

Teamwork, Convincing, Inspiring, Influencing, Negotiation, & Leadership Skills.

Computer Skills:

SQL, PL-pgsql, PL-sql, Python (numpy, pandas), NoSql (MongoDB), Apache Airflow, Pyspark, Snowflake, Power BI, Tableau, MySqldb, Azuredb, Google BigQuery, Kubernetes, Jenkins, Docker, Shell scripting, Git & GitHub, Linux, Terraform, Ansible, EKS, C# & ASP.NET, Python, CI/CD pipelines.

LANGUAGE SKILLS

Mother tongue(s): Bengali

Other language(s): English (Advanced) | Norwegian (Fluent)

Nationality: Spanish

PROJECTS

- DevOps Implementation on an E-Commerce website
- Smart Vehicles (data engineer)
- AP Morgan Data Platform (data engineer)
- Data source: mysql-db & sql (data analyst)
- Data source: Azuredb (data analyst)
- Data source: Google-BigQuery (data analyst)