

Bithun Chatterjee – Senior Technical Consultant

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17+ years experience in the IT industry | Over 8 years of experience in DW-BI environment | 8 years of experience as ETL development | 12 years of experience in Database development and administration | Hands-on experience in DevOps in AWS | Vast knowledge on Oracle Workspace Manager and SDO Geometry | Extensive experience with all utility companies in Norway within the DSO market.

KEY SKILLS

Database creation-upgradation-administration | Database migration | Backup-Recovery | ETL development | Automation | Performance tuning | Data Analyzing | Data Visualization | Containerization | Cloud migration | Deployment |

TOOLS & TECHNOLOGIES

Scripting Languages: PL-SQL, Shell, PowerShell | **Database :** Oracle, MySQL, Snowflake, DB2, Teradata | **Backup-Recovery :** DataPump, RMAN | **ETL tools :** Informatica, Abinitio, Pentaho, Oracle FME, OWB | **Data visualization :** PowerBI, Excel, DAX | **Container Platform:** Docker | **Orchestration:** Kubernetes | **Deployment :** Octopus, Jenkins | **Infrastructure as Code :** Helm | **Version Control:** Git, GitHub | **Platform:** DevOps, AWS, Azure | **Job Scheduler :** Tivoli, AutoSys, Ops-Console | **GIS :** ArcGis Desktop | **NIS :** Netbas, OpenNIS, GeminiSync

PROFESSIONAL EXPERIENCE

Senior Technical Consultant Volue AS	Trondheim, Norway 2020 – Present
Project Leader / Associate L&T Infotech	Pune, India / Singapore / Oslo, Norway 2014 – 2020
Associate Cognizant	Kolkata, India 2010 – 2014
Technical Associate Techmahindra Ltd.	Kolkata, India 2008 – 2010

Key achievements:

- **Conversion of 2D database structures to 3D** for 7 grid companies for further advanced height calculation.
- **Fasit migration from MSSQL to Oracle** for improved performance and **scalability 40%** than before.
- **Georydd implementation** for geospatial data quality (i.e. High voltage poles) improves more than **95% accuracy**.
- **NVE reporting automation** to meet regulatory requirements.
- **Expansion of Konesjonområde and Netbas merging** for 7 grid companies, ensuring seamless integration data consistency.

KEY PROJECTS EXECUTED

- Project:** Azure Cloud migration from on-prem | **Duration:** 2024 – Present
Key Achievement: Participated in migration **5 projects** from on-premises to Azure Cloud Infrastructure, utilizing multitenant architecture and advanced storage management.
- Project:** Matrikkel-Migration | **Duration:** 2024 – 2025
Key Achievement: Merged multiple municipalities'geodata (**more than 63**) into one database when two or more different Grid companies merged together via **kartverket** (The Norwegian Mapping Authority)
- Project:** NRL implementation for more than **55 grid companies** | **Duration:** 2023 – 2024
Key Achievement: Delivered the nationwide implementation of NRL for **50+ grid companies**, enabling standardized aviation-obstacle reporting and significantly strengthening national air-safety compliance.
- Project:** AWS DevOps Two-Tier Web Application Deployment | **Duration:** 2024 – Present
Key Achievement: Designed and implemented a highly available two-tier architecture on AWS to host a web application with a separate database layer. Automated deployment and scaling using DevOps practices. Reduced deployment time by **70%** through CI/CD automation.
- Project:** Cloud-Native 3-Tier Web App on AWS with EKS, ECR & Ingress (ALB) | **Duration:** 2025 – Present
Key Achievement: Achieved **99.9% uptime** and **~25% cost optimization** through autoscaling, resource rightsizing, and Spot instance usage. Integrated **Prometheus** and **Grafana** for real-time monitoring, dashboards, and alerting, reducing incident resolution time by **30%**.

EDUCATION

- **Bachelor Degree – Information Technology** | JIS Engineering College | 2004 - 2008 | **GPA** - 7.99