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 | Monitoring

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

PROJECTS EXECUTED

1. **Project**: **Azure Could 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.

2. **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)

3. **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.

4. **Project**: **AWS DevOps Two-Tier** Web Application Deployment | **Duration:** 2025 – 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.

5. **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%.**

6. **Project**: Publications – **Full-Stack Demo (ASP.NET API** + **React SPA** + **Docker** + **Jenkins CI/CD**)
Key Achievement: Built a fully production-ready, containerized **ASP.NET API** + **React** SPA platform, enabling seamless deployment to **EC2** and other servers and reducing environment setup time by **~50%** through **Docker**, **Nginx** and automated **Jenkins** pipelines. Delivered an end-to-end **CI/CD** workflow with **GitHub Webhooks** that cut manual deployment effort by **60%** and ensured consistent, single-port (using reverse proxy) hosting for API, SPA and Swagger in any cloud environment.

EDUCATION

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