

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 / ELT** development | 12 years of experience in **Database** development and administration | Vast knowledge on Oracle Workspace Manager and **SDO Geometry** | Extensive experience with all utility companies in Norway within the DSO market | Proficient in **CI/CD** automation, containerization, **infrastructure-as-code** and cloud-native **DevOps** using **AWS** and **Kubernetes** | **Agentic AI** | AI Workflow Automation | Designing autonomous agent

KEY SKILLS

Database develop-creation-upgradation-administration | Database migration | Backup-Recovery | ETL development | Automation | Performance tuning | Data Analyzing | Data Visualization | Containerization | Cloud migration | Website development & migration | Building Agentic AI Systems

TOOLS & TECHNOLOGIES

Scripting Languages: PL-SQL, Shell, PowerShell | **Database:** Oracle, MySQL, Snowflake, DB2, Teradata | **Backup-Recovery:** DataPump, RMAN | **ETL tools:** Informatica, Abinitio, Pentaho, OWB | **Container Platform:** Docker, Podman | **Orchestration:** Kubernetes | **CD/CD :** Octopus, Jenkins, Argo CD | **Infrastructure as Code:** Helm, Terraform, Ansible | **Version Control:** Git, GitHub | **Platform:** DevOps, AWS, Azure | **Job Scheduler:** Tivoli, AutoSys, Ops-Console | **GIS:** ArcGis Desktop, Oracle FME | **NIS:** Netbas, OpenNIS, GeminiSync | **Data visualization:** Power BI, Excel, DAX, Prometheus, Grafana | **Web development:** WordPress, Peepso, Divi, Elementor, WooCommerce, PHP (Basic), JavaScript, HTML/CSS | Claude, Claude-Code, Antigravity, Cursor, Vibecoding

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 Technology Solution	Kolkata, India 2010 – 2014
Technical Associate Techmahindra Ltd.	Kolkata, India 2008 – 2010

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 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:** Microservice Demo (Python FastAPI + HTML/JS + Docker + Kubernetes) API Deployment | **Duration:** 2026 – Present
Key Achievement: Designed a lightweight, containerized FastAPI backend and HTML/JS frontend to practice real-world **Docker** workflows, **multi-service orchestration**, and **Kubernetes deployments**. Built hands-on experience with **Deployments, Services, Ingress**, and **single-port container exposure**. Enabled easy local testing

with docker-compose, clear folder structure, and minimal code to focus on automation, deployment fundamentals, and microservice patterns.

5. **Project: Cloud-Native multi-tier** Web App on AWS with EKS, ECR & Ingress (ALB) | **Duration: 2025 – 2026**

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)** | **Duration: 2025 – 2026**

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.

7. **Project: WordPress Memory-Limit Incident** | **Duration: Mar 2026**

Key Achievement: CloudLinux LVE + LiteSpeed + ALT-PHP handler conflict causing WordPress to load with **128M** memory. Full root-cause analysis, MU-plugin fix, and performance improvement from **32% → 90%..**

EDUCATION

- **Bachelor's degree – Information Technology** | JIS Engineering College | 2004 - 2008 | **GPA - 7.99**

CERTIFICATION

- [Claude Code in Action](#)
- [GitHub Professional Certificate](#)
- [Docker Foundations Certificate](#)
- [Informatica Data Governance & Privacy](#)
- [Microsoft Certified: Azure Fundamentals](#)
- [AWS Technical Professional](#)