

# Biswajeet Behera

✉ biswajeet092003@gmail.com | ☎ +91-7655042927 | ■ LinkedIn | ■ GitHub

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## SKILLS

Programming languages: C++, Python, SQL Databases: PostgreSQL, MongoDB, DynamoDB

Libraries: NumPy, Pandas, Matplotlib, Tensorflow, Langchain, , Spark, Airflow, Kafka, Hadoop Other Tools: Git  
GitHub, AWS, PowerBI, Ollama, Docker, , Podman, MCP Server, LLM, Relevant Coursework

## EXPERIENCE

HERE Technologies Jul 2025 - Present

Software Engineer II Mumbai, India

- Built a SQL agent-powered chatbot using Claude Sonnet 3.5 on AWS Bedrock, enabling natural-language-to-SQL translation for automated HERESUP ticket queries across HCP3 and BMW(SAM) modules. Custom NLP-to-SQL chains designed with integrated visualizations, improving stakeholder insights and drastically reducing the manual data-fetching effort.
- Developed Slim Test Gen Pro, an AI-driven test case generator using LLaMA 3.1 with Apache Spark pipelines and full-stack deployment on AWS EC2, streamlining and accelerating QA workflows.
- Optimized backend performance by 60% through Singleton-based database and Bedrock client connections, and integrated an MCP server to automate Jira operations such as ticket commenting and state transitions.
- Developing interactive stakeholder dashboards and scalable ETL pipelines for the Operations Monitoring System (OMS), enabling seamless data ingestion from raw to transformed states and enhancing data-driven decision-making in HERE Maps.
- Built an automated FE compliance portal for AWS account shutdown exceptions, allowing administrators to register critical accounts before deadlines so cloud custodians can safely exempt them from scheduled shutdowns.

## EDUCATION

National Institute of Technology Rourkela, India Nov 2021 - Jun 2025

Bachelors of Technology GPA: 7.32/10.0