Biswajeet Behera

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SKILLS

Programming languages: C++, Python, SQL Databases: PostgreSQL, MongoDB, DynamoDB
Libraries: NumPy, Pandas, Matplotlib, Tensorflow, Langchain, , Spark, Airflow, Kafka, HadoopOther 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 inte-grated 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