

# MIKAN KUMAR SWAIN

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## EDUCATION

SOA University, ITER, India.

June 2022

*B.TECH, Computer Science Engineering*

## SKILLS

**Analytical Tools:** Power BI, Advanced Excel, Jupyter Notebook.

**Programming Languages:** SQL, Python.

**Softwares:** Informatica, Aws services, Databrick.

**Database:** MySQL, Microsoft SQL Server

**Core Competencies:** Communication – Udemy course certification.

## COURSES

- Python-Intermediate course- Data visualization.
- SQL course.

## CERTIFICATION

- AWS Cloud practitioner certification.
- Databrick's Lakehouse foundation certification.

## EXPERIENCE

**COGNIZANT TECHNOLOGY SOLUTION, HYDERABAD, INDIA.**

**Cloud Technologies, Cloud Computing (AWS)**

**Aug2022- April 2023**

- Designed and implemented a public cloud infrastructure using AWS Cloud Formation.
- Engineered and implemented a production-grade web server environment on AWS, ensuring 99.99% uptime and scalable architecture, handled 1M+ monthly user request seamlessly, thereby enhancing reliability and user experience.

**Healthcare prediction, Machine learning regression project**

**June 2023– sept 2023**

- Developed a machine learning model from inception to deployment, starting with data extraction, cleaning, and exploratory data analysis (EDA).
- Built and optimized a regression model to predict target values with a accuracy of 95% and reliability.
- Demonstrated proficiency in using Python and relevant libraries for data manipulation, statistical analysis, and machine learning modelling.

**Statistical Analysis using EXCEL**

**July 2023 – present**

- Conducted outlier analysis on sample datasets to identify anomalies and deviations from the norm.
- Utilized boxplots to visualize and interpret data distribution and variability, facilitating insights into data characteristics.
- Documented findings and recommendations, contributing to data-driven decision-making processes.
- Documented the entire process, including methodologies and results, resulting in a 10% increase in team understanding and future reference efficacy.

## Extra-curricular

- Directed school leadership initiatives and organized 15+ events, resulting in a 25% increase in student participation and a 10% rise in school spirit as elected School captain.
- Organized and managed operations for the largest dance club at SOA University, overseeing a team of 80 members.
- Coordinated club activities, including event logistics, budget management, and participant recruitment, ensuring smooth execution and high attendance rates.
- Consecutively won first place in the State Dance Competition for 3 years.