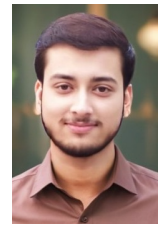


Swagat Subhash Kalita

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Summary

Data Engineer & Analyst turning data into actionable insights that drive smarter decisions. Skilled in building scalable cloud solutions, automating analytics workflows, and enabling business intelligence for global impact.

Education

Universität Passau, M.Sc. Computer Science (Informatik)	Oct 2024 – Present
SRM Institute of Science and Technology, B.Tech Computer Science	2020 – 2024

Skills

Programming: Python (pandas, NumPy, matplotlib, seaborn, scikit-learn), SQL (joins, query optimization)

Data Visualization: Power BI (DAX, Data Modeling, Power Query), Tableau, Excel (Pivot Tables, Dashboards), Data Cleaning & Transformation, KPI Reporting

Data Engineering & Cloud: Google Cloud (BigQuery, Dataflow), AWS (S3, Glue), ETL Pipelines

Tools & Platforms: Git & GitHub (Version Control), Docker

Experience

Software Developer Intern, Libresoft Technology Private Limited – Guwahati, India July 2023 – Oct 2023

- Collaborated with senior developers to build a Django-based data management platform using Python, HTML, CSS, JavaScript, and XML, enabling company users to securely upload and manage large PDF files up to 100 MB in under 10 seconds.
- Optimized backend performance and file handling workflows, enhancing scalability and user experience for enterprise-level document management.

Data Analytics Internship, KPMG (Forage) – remote Jan 2023 – Feb 2023

- Performed comprehensive data quality assessment and cleansing, achieving 97% dataset accuracy for client analytics readiness.
- Designed Power BI dashboards that accelerated business reporting by 30%, delivering actionable KPIs for senior stakeholders.

Summer Intern, NIELIT (National Institute of Electronics and Information Technology) – Guwahati, India Jul 2022 – Aug 2022

- Authored a technical article on Cloud Computing, outlining key benefits and challenges for enterprise adoption.
- Gained foundational understanding of service models and infrastructure deployment in modern cloud systems.

Publications

Generative Adversarial Network Art Generator for Sculpture Analysis Jun 2024
10.1109/IC3IoT60841.2024.10550289

Projects

UN SDG Progress Analytics Dashboard

- Developed an AI-driven analytics dashboard using Power BI, Python, and SQL to track global SDG 3 (Health) and SDG 4 (Education) trends, automating data pipelines and five-year forecasting for policy insights.

Retail Sales & Customer Insights Platform

- Built a scalable cloud analytics system on GCP (BigQuery, Dataflow) and Power BI to process 15K+ transactions, automate KPI reporting, and improve business decision accuracy by 20%.