

SUMMARY

Passionate Data Science postgraduate with strong hands-on experience in AWS-based data engineering, including Athena, Glue, S3, and CloudFormation. Built scalable, serverless ETL pipelines and analytics dashboards. Adept in Python, SQL, Power BI, and machine learning. Actively seeking to contribute to cloud-native, data-driven solutions in a remote setting.

EDUCATION

University Of Europe for applied science GMBH (2025 - Present)

- Master of Science (MSc) in Data Science -
- Gaining expertise in machine learning, big data analytics, and AI-driven solutions.
 - Developing strong analytical and programming skills through hands-on projects, industry collaborations, and research in data-driven decision-making.

Queen Mary University Of London (2020-2022)

Master of Science (MSc) in Advanced Electronics, Electrical Engineering with Industrial experience | Faculty: Computer Science

- Classification: Distinction
- Project: Inverted Pendulum Control (PD and PID Controllers).

Kalinga Industrial Institute of Technology, Bhubaneswar, India (2016 - 2020)

Bachelor's Degree in Electrical Engineering 2016 - 2020

- CGPA: 8.48/10
- Project: Solar Power LED Street Light with Auto Intensity Control (Selected for regional competition by MHRD's Innovation Cell).

Higher Secondary Education (12th Grade)

Sri Chaitanya Techno Educational Institution, India (2014 - 2016)

Percentage: 61.6%

Secondary Education (10th Grade)

Holy Family School, India (2014)

Percentage: 66%

PROFESSIONAL EXPERIENCE

Supervisor | Job Role: Data Analyst | Team : 14
Marketplace Direct Ltd., London | Aug 2021 - Nov 2024

- Analyzed and visualized large datasets, achieving an 88% increase in revenue through actionable insights.
- Developed predictive models with 87% accuracy to forecast customer churn.
- Designed real-time dashboards for key business metrics, enabling quick decision-making.
- Conducted comprehensive demographic analysis to drive targeted marketing campaigns, resulting in a 78% sales increase.

Data Analyst Intern | Unpaid

Oracalo, Uxbridge, London | Sep 2021 - Oct 2022

- Cleaned and validated raw datasets using advanced SQL and Python scripts.
- Created machine learning models to identify patterns and trends for decision-making.
- Developed data backup and recovery systems, enhancing data security.

PROJECTS

- Cloud & Data Engineering Projects
- Serverless ETL on AWS - 2025
- Built an end-to-end ETL pipeline using AWS Glue Crawlers, Athena, and S3.
- Designed automated schema discovery and SQL-based querying on large datasets.
- Managed deployment and infrastructure via AWS CloudFormation.
- Real-Time Analytics with AWS Athena
- Set up a data lake architecture for structured/unstructured data.
- Performed data transformation and querying without provisioning servers.
- Enabled faster and cost-efficient business insights.



LANGUAGES

- English
- Hindi, Bengali (Mother Tongue)
- German (A1- Beginner Learning)

CERTIFICATIONS

- Python Programming
- Power BI
- Tableau
- Advanced Excel
- SQL
- Machine Learning with Python.
- Python Programming Language
- Data Science

RESEARCH & ACADEMIC CONTRIBUTIONS

- IEEE Women in Engineering Summit – 3-Day Research Workshop, Poland
- Participated in an intensive, collaborative research summit focused on women in technology. Engaged in data science discussions, peer presentations, and networking sessions designed to advance innovation and leadership in engineering.
- **Ongoing Research with Prof. Hashim (2025)**
- Currently contributing to an academic research paper under the guidance of Prof. Hashim. Drafting and collaborating via Overleaf, with planned submission for publication in a peer-reviewed journal. The research centers on advanced data engineering methodologies.

INTERNSHIPS

- **Besant Technology, Bangalore, India | Dec 2024 – April 2025**
- Undergoing hands-on training in Data Science, focusing on machine learning, Python, SQL, Tableau, Data science. Enhancing technical skills and practical knowledge to strengthen my foundation before pursuing Data Science studies in Germany.
- Utilizing this period productively to gain industry-relevant experience instead of a gap, ensuring continuous learning and skill development.
- **Vocational Training at NTPC, Farakka, India (May – June 2018)**
- Training on Transmission and Distribution of Electric Power, OPTCL (May – June 2019)
- PLC Training, CTTC India (October 2019)
- Summer Training in Core Java (June – July 2019)
- Electrical Engineering Crash Course, IIT Bhubaneswar

SKILLS

- Programming: Python, Java, MATLAB, C, JavaScript
- Data Analytics: SQL, Power BI, Tableau, Advanced Excel
- Machine Learning: Supervised/Unsupervised Models, Optimization Techniques
- Tools: GitHub, Trello, Simulink, Microprocessor Design
- Programming Languages: Python, SQL, Java
- Data Analytics & Visualization: Power BI, Tableau, Advanced Excel
- Cloud Platforms: AWS (Athena, Glue, S3, CloudFormation)
- Big Data Tools: AWS Data Lake, ETL
- Machine Learning: Supervised/Unsupervised Models, Scikit-learn, pandas
- Tools & Platforms: GitHub, Trello, Simulink.