

Sailaja Prasad Das

Worcester, MA 01610 | +1 (508) 410-0272 | SaiDas@clarku.edu | [LinkedIn](#) | [Portfolio](#)

EDUCATION

Clark University; Worcester, MA

Master of Science in Data Analytics (STEM)

Expected May 2026

Cumulative GPA – 3.85/4.0

Coursework: Data Management, Data Visualization, Data Engineering, Applied Machine Learning, Cloud DevOps

Biju Patnaik University of Technology; Rourkela, India

Jun 2018

Bachelor of Technology in Computer Science & Engineering

Coursework: Operating System, Database Management, C++, Java Programming, Advanced Computer Architecture

ACADEMIC PROJECTS

Enterprise Data Warehouse (SQL, Data Modeling, ETL) | [GitHub](#)

- Built and automated ETL processes that ingested data from disparate data sources (SQL DBs, flat files), reducing data acquisition time by 25%
- Implemented a medallion architecture (Bronze/Silver/Gold) to cleanse, enrich, and model data, serving reliable, high-quality datasets to BI team

E-commerce Sales Analysis (SQL, Tableau) | [GitHub](#)

- Extracted and transformed e-commerce sales data using SQL queries, enabling detailed analysis and reporting
- Developed 2 dynamic Tableau dashboards to track KPIs including sales trends, top-performing products, and customer segmentation, leading to a 20% faster decision-making for stakeholders

Prediction of Airbnb Analysis (Python, ML, Tableau) | [GitHub](#)

- Analyzed 50,000 Airbnb listings with Random Forest, achieving precise weekly pricing predictions and high accuracy
- Design and implemented interactive Tableau dashboards to visualize business processes and user stories, enabling deeper insights for students

PROFESSIONAL EXPERIENCE

Accenture, Bengaluru, India

Mar 2022 – Aug 2024

Senior Analyst

- Streamlined the full lifecycle of 5+ project implementations by migrating on-premises systems to Oracle Cloud via HCM Data Loader, ensuring seamless deployment and achieving a 14% performance increase
- Optimized HR processes by leveraging advanced reporting tools (OTBI, BI Publisher), improving operational efficiency and reducing costs by 25%
- Mentored and led a team of 4, fostering a collaborative environment and ensuring the on-time delivery of all project milestones

Capgemini, Pune, India

Feb 2019 – Jan 2022

Associate Consultant

- Automated integration processes to ensure seamless connectivity with over 10 third-party systems, improved operational efficiency and achieving a 25% reduction in integration errors
- Deployed JIRA to streamline tracking & resolution of user queries, driving a 30% efficiency surge across departments
- Documented Functional and Technical specifications using AIM methodology (MD70), reducing implementation errors by 60% and improving system efficiency for over 5000+ users

RELEVANT SKILLS

- Programming Skills:** SQL, Python (*libraries: Pandas, NumPy, matplotlib*), R (*Beginner*)
- Databases & Data Warehouse:** Oracle, PostgreSQL, MySQL, Snowflake, Azure Synapse
- Data Engineering:** Spark, Hadoop, ETL/ELT, Kafka
- Visualization & Reporting:** Excel, Tableau, Power BI
- Cloud Platforms:** Oracle, Microsoft Azure, AWS (*EC2, S3, Athena, Lambda*)

CERTIFICATIONS

- Microsoft Certified: Azure Data Fundamentals (DP900)
- DataCamp Certified: Data Analyst Associate