OJANI JAYASINGHE

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Professional Summary

Dedicated and results-driven undergraduate pursuing a BSc (Hons) in Information Technology with a specialization in Data Science. Passionate about data-driven decision-making, with hands-on experience in programming, machine learning, and data analysis. Strong background in communication, leadership, and teamwork, with a commitment to continuous learning and innovation. Adept at applying analytical skills to solve complex problems and drive impactful solutions in dynamic environments.

Education

BSc. (Hons) in Information Technology (Specializing in Data Science)
SLIIT | 2022 – 2026

Higher Diploma in Information Technology
SLIIT | 2022 – 2024

Passed Finalist - AAT Sri Lanka
2021 - 2023

Technical Skills

- **Programming:** Python, Java, R, C, JavaScript, PHP, C++

- **Data Science & Analytics:** ETL, Power BI, SQL, NoSQL, MongoDB

- **Web & Mobile Development:** React, HTML, CSS, Android Studio, REST

- **Tools & Technologies:** Git, GitHub, Postman, Figma, Excel

Professional Affiliations

- CXP Team Leader (OGTa) - AIESEC in SLIIT
- Organizing Committee Vice President of Logistics & Events in Benchmark 3.0 – AIESEC in SLIIT
- Member – Data Science Student Community
- Member – IEEE Computer Society of SLIIT
- Member – SEDS SLIIT

Achievements

- Merit Award - Designthon of Codefest 2024 organized by Faculty of Computing in SLIIT.
- Presidential Award of Excellence - Legacy Awards organized by AIESEC in SLIIT.
- Nominee Certificate for the best performing OGTa leader - Legacy Awards.

Project Experience

- **Social Network Analysis**

  Built network graphs using R and igraph for community detection. Applied centrality measures to identify key influencers.

- **Enterprise Sales Data Warehouse with OLAP Analytics and Power BI Dashboards**

  Designed and implemented a sales data warehouse using SSMS, SSIS, SSAS, and Power BI for business analytics.

- **Power BI Business Dashboard**

  Developed an interactive dashboard for sales and regional analysis. Automated data visualization to enhance decision-making.

- **E-Shopping Store**

  Integrates Java technologies with a database to build a functional e-commerce site, showcasing server-side scripting, database connectivity, and web technologies.
  Tech Stack: JAVA, SQL

- **MERN Stack Hotel Management System**

  Designed and developed a full-stack hotel service management platform.
  Tech Stack: MongoDB, Express.js, React, Node.js.

Certifications

- Certificate Program in IT Applications – SLIIT
- Power BI for beginners – Simplilearn
- Data Science Foundations – level 1 - IBM
- Data Science 101 – Cognitive Class
- Python and Artificial Intelligence – DevTown
- Introduction to AI – HP Life
- Front-end development – University of Moratuwa
- Web development – University of Moratuwa
- Introduction to Packet Tracer – Cisco Network Academy
- Introduction to Data Science – Cisco Network Academy
- Introduction to GenAI – Google Cloud
- SQL - HackerRank
- Learning Data Science: Understanding the basics – LinkedIn Learning
- Certificate of React JS – Great learning
- Cybersecurity online workshop series – IEEE Computer Society of SLIIT
- Diploma in English – CET Campus