

IKSHIT SAMANTA

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EDUCATION

- Vellore Institute of Technology, Vellore, India | *B. Tech, Computer Science and Engineering* | July 2024 (expected)
- Delhi Public School, Ruby Park, Kolkata, India | *Class 12th (Science)* | *Percentage – 90%* | March 2020
- LakshmiPat Singhania Academy Kolkata, India | *Class 10th* | *Percentage – 90.4%* | March 2018

EXPERIENCE

- Protiviti – Data & Analytics Intern** [Certificate] | May 2023 – June 2023
- Worked on a project where I performed **ETL** on the data and performed **EDA** on the same using **Python**. Made interactive **visualizations** of these data and built **dashboards** on **Power BI** as well as **Qlik Sense**. Learnt the concepts of DWH and attended sessions on **Tableau**.
- Workmates Core2Cloud – Cloud Engineering Trainee (Apprenticeship)** [Certificate] | June 2022 – July 2022
- Learnt **Computer Networks** and its application in Cloud Computing (**AWS**), launched several instances in different **OS**, implemented different services of **AWS** to work on projects. Assisted my manager during a client interaction to design the cloud infrastructure they require.
- Finurja [Financially Aware Bharat, FAB] – Content Creation and Content Operation Intern** [Certificate] | June 2022 – July 2022
- Organized an event for Finurja and got college students and other interested people registered for the same. Hosted a podcast on Finurja's Facebook live about financial awareness, managing personal finances, tax filings, investing and other topics related to Finance.
- My Equation (Tech Analogy) – Sales and Marketing Intern** [Certificate] | Oct 2021 – Nov 2021
- Made sales for the products (courses), marketed the products for reaching out to maximum target customers, recruited interns to assist me.

PROJECTS

- EDA on OTT Platforms** [link]
- It provides 2 solutions – (i) for end users (which OTT Platform & its subscription plan a user should purchase); and (ii) for businesses (helps a production house to determine which OTT it should release its movie on) – based on available and extracted data. Created and cleaned datasets and made associations among them. Used **Python** to perform preliminary **EDA** and then built dashboards on **Power BI** as well as **Qlik Sense**.
- Analysis on Zomato's Data** [link]
- Cleaned and visualized the raw data (51717 unique values) using various **Python** libraries (like **pandas**, **numpy**, **seaborn**, **matplotlib**, **plotly**). Analyzed restaurant types, rates, best location, services, cost, etc. to understand the quality of the restaurant, its demand from customers and so on. Performed Regression Analysis for building a model using **sklearn**.
- IoT based Smart Irrigation System** [link]
- Designed a circuit using of **Arduino** board, bread board, jump wires, Temperature sensor, soil moisture sensor, DC motor (Water pump), buzzer, green and red LEDs, LCD screen. Wrote and implemented a simple **C** code to make the system work in any soil condition after taking input from the farmer.

SKILLS & ABILITIES

Languages: Java, Python, SQL, HTML

Software Tools/Platforms/Practices: Power BI, Qlik Sense, Tableau, AWS, GitHub, MS Excel, MS Visio, MS Projects, UI/UX, Linux

Skills/Strengths: OOPs, Data Analytics, Computer Networks, Strategic thinking, Problem solving, Marketing, Learning (DSA, ML)

CERTIFICATIONS & COURSES

Kaggle – Python [Link], Pandas [Link], Data Cleaning [Link], Data Visualization [Link] | **LinkedIn Learning** – Power BI Essential Training [Link], BA Foundations [Link], BA & PM Collab [Link] | **Michigan University** – Becoming a Social Entrepreneur [Link] | **Finlatics** – BA Experience Program [Link]

POSITIONS OF RESPONSIBILITY

Centre for Social Entrepreneurship and Development [CSED], VIT, India

- Secretary** (Jan 2023 – Present) – Maintaining synergy in the board, deciding budget for events, and maintaining relations with university and other student bodies, managing CSED's finances, training the core members to become successful positive changemakers.
- Publicity & Marketing Head** (Dec 2022 – Jan 2023) - Led a team of 40 people for creating content for CSED's Instagram page, marketed and promoted events conducted by CSED, maintained CSED's online and offline presence, conducted CSED's flagship event based on Social Entrepreneurship, Startup Street 7.0, across the nation.

EXTRA-CURRICULAR ACTIVITIES & ACHIEVEMENTS

- Pursued professional **theatre** (6 yrs), played **Polo** at Calcutta Polo Club (8 yrs), won competitions in **Western band** (guitar & vocals), **dance**, **elocution**.
- I read **books**, listen to **music**, or play **badminton** in my free time.