SAYALI HULLE

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EDUCATION

Northeastern University | Boston
Master of Science in Information Systems, **Class of 2024**
Courses: Database Management and Database Design, Application Engineering Development

Savitribai Phule Pune University | Pune, India
Bachelor of Engineering in Electronics and Telecommunication, **Class of 2020** | CGPA: **8.66/10**

- Stood among top 10 rank holders in college (PVG COET).
- Qualified highly technical GATE examination in 2020 and 2021.

SKILLS

Technical:
Languages: SQL, Python, C++, Java, Java Swing, MATLAB, HTML.
Tools: Microsoft Excel, Microsoft Word, Git, Jira, Power BI, Tableau, Oracle Database, Data Modelling and Design, Data Cleaning and Data Warehousing, MySQL, MS SQL Server, Snowflake, Airflow.
Soft Skills: Customer Service, Problem Solving, Attention to Detail, Teamwork.

WORK EXPERIENCE

Tata Communications Transformation Services (March 21-June 22)
Junior Customer Service Executive, Submarine Technology

- Served as a **NOC Engineer** Managed the processes of Remote and Smart Hand Services along with Return merchandise authorization processes.
- Provided remote assistance and technical support to the customer **(Google)** while maintaining the service-level agreement.

PROJECTS

Hospital Management System

- An application was built using **Java Swing** for purpose of management of a single hospital system where 5 user logins were defined: System Admin, Hospital Admin, Community Admin, Doctor and Patient**.**
- Application is designed in a way where Patient and Person directories, Encounters are maintained and each user has a specific role and access to the maintained data.

Indoor Air Quality Remote Monitoring System

- This is an IoT based system where **6 sensors, LM35, SY-HS220, MQ7, MQ2, MG811, MQ3** related to Indoor Air Quality were integrated using **Arduino Uno** and the sensor data was collected.
- Collected data was sent to cloud i.e. ThingSpeak and stored. The collected data was represented in a graphical format and it was further analyzed to solve the problem of indoor air pollution by noting the time instances which led to maximum amount of pollution.
- Mobile application was developed using **MIT App Inventor** which displayed real-time data.

EXTRA CIRRICULAR ACTIVITIES

- **Core Committee member** of Telecommunication Engineering Student Association (TESA) in 2018-21 where I was responsible for organizing and managing events, staffing new members by conducting interviews and campaigns.
- Served as the **Joint Treasurer** of Telecommunication Engineering Student Association (TESA) in 2018-19 where I was responsible for creating budgets for major events, tracking expenses and managing the overall finances of the association.