

Jaswanth Reddy Nallapareddy

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SKILLS

- **Languages:** Python, Java
- **Frameworks:** HTML and CSS
- **Tools/Platforms:** MySQL, Tableau
- **Soft Skills:** Problem Solving, Team Player

PROJECTS

Bank Marketing Analysis- Exploratory Data Analysis | Python:

August 2024 - November 2024

Objective: To analyze bank marketing campaign data and determine the main findings to maximize customer engagement and campaign performance.

The aim was to utilize data-driven methods for maximizing contact methods as well as refining customer segmentation.

Performed exploratory data analysis of marketing data from banks to determine patterns of customer behavior and campaign effectiveness.

Outcome: Improved data analysis, visualization, and decision-making based on data.

Technologies Used: Python, Pandas, Matplotlib, Seaborn, NumPy, Jupyter Notebook ([project link](#))

Medicine Prescriber using Python:

September 2023 - December 2023

Objective: To create a rule-based drug recommendation system to help users choose proper prescriptions according to symptoms. The project aimed to simplify medical decision-making using Python's data handling and GUI capabilities.

Developed a prescription suggestion system using Python, which suggests prescriptions according to user input and rule-based logical systems.

Outcome: Acquired experience in logic implementation, data management, and user-friendly interface design.

Technologies Used: Python, Tkinter, Pandas ([project link](#))

Basic Email Sender using Java:

August 2023 - October 2023

Objective: To create a Java command-line program to send secure emails via SMTP with authentication. The objective was to understand Java networking principles in the process of creating a working and user-friendly email application.

Integrated contact management and settings customization for enhanced usability and management of messages.

Outcome: Gained practical knowledge of Java networking, email management, and command-line programming.

Technologies Used: Java, JavaMail API, SMTP ([project link](#))

CERTIFICATIONS

- Problem Solving | Hacker Rank – [Certificate link](#) December 2024
- Data Analysis with Tableau - [Certificate link](#) November 2024
- The Bits and Bytes of Computer Networking - [Certificate link](#) April 2024
- Understanding Cloud Fundamentals | LinkedIn – [Certificate link](#) March 2023

ACHIEVEMENTS

- **Hacker Rank Java** (Gold Level) - Achieved Gold Level certification by solving 50+ Java programming challenges on OOP, data structures, and algorithms. November 2024
- **Hacker Rank Python** (Gold Level) - Reached the Gold Level by completing over 50 Python problems on fundamental principles of programming logic construction, and data processing. August 2024

EXTRA CURRICULAR ACTIVITIES

- **Community Development Project:** July 2023
Led a Tourism Development Project in Kadapa District under the supervision of the Rayalaseema Tourism and Culture Society to enhance local tourism infrastructure.
Received official recognition and a certificate for contributions, with project work featured in a newspaper article.

EDUCATION

- **Lovely Professional University** Punjab, India
Bachelor of Technology - Computer Science and Engineering August 2022 - Present
- **Narayana Junior College** Kadapa, Andhra Pradesh
Intermediate, MPC- **Percentage: 71%** May 2020 – April 2022
- **Sri Chaitanya School** Kadapa, Andhra Pradesh
Matriculation - **Percentage: 100%** June 2019 - April 2020