MINAKSHI ROGE

Chandrapur, Maharashtra
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Objective

Motivated and quick-learning individual seeking an entry-level data analytics role to apply problem-solving and data interpretation skills. Eager to learn, adapt and contribute effectively to organizational growth from day one.

Education

B.Tech in Electronics (CGPA: 8.98) **2021 - 2025**

GH Raisoni College of Engineering Nagpur, Maharashtra

Class 12th (87.67 %) **2021**

Lokmanya High School and Junior College Bhadrawati, Maharashtra

Class 10th (73 %) **2019**

Lokmanya High School and Junior College Bhadrawati, Maharashtra

Technical Skills

Programming & Analytics: SQL, Python (Pandas, NumPy, Matplotlib).

Data Visualization & BI Tools: Power BI, Excel, Data Visualization, Dashboarding, KPIs.

Databases & Tools: MySQL, VS Code, Git, GitHub.

Soft Skills: Problem-Solving, Collaboration, Critical Thinking, Analytical Thinking.

Experience

ARONG Technologies Pvt Ltd. **Dec 2024 – May 2025**

Data Analyst Intern *Gondia, Maharashtra*

- Worked on the development of MindCare Connect, a web-based Mental Health Appointment System using the MERN stack.
- Contributed to data collection, cleaning, and analysis to improve system performance and usability.
- Assisted in data visualization and reporting using Excel and Python to track appointment trends and test results.
- Collaborated with the frontend team to integrate interactive dashboards and analytics features for users and counselors.

Internpe **Aug 2023 – Sep 2023**

Intern

- Completed a one-month internship with a focus on Python Programming.
- Learned Python for data analysis, including data cleaning, processing, and basic visualization.
- Gained hands-on experience in Python for analyzing and interpreting datasets.

Projects

MINDCARE CONNECT – A Mental Health Appointment System

Developed a web-based platform to simplify online mental health consultations and assessments. The system allowed users to book, reschedule, or cancel appointments, make payments, and take automated mental health tests with real-time feedback using the MERN stack (MongoDB, Express.js, React, Node.js).

- My contribution collected, cleaned, and analyzed test and user data to identify usability trends and improve platform performance.
- Performed data visualization and reporting using Excel and Python to track user behavior and counselor activity.
- Supported data preprocessing, validation, and dashboard creation for real-time insights and decision-making.
- Collaborated with the frontend team to integrate interactive charts, KPIs, and data-driven insights into the system.

Development of Bionic Grip using CNN on EMG Signals

- Developed a bionic hand capable of recognizing EMG (electromyography) signals to control finger movements using machine learning algorithms like SVM, KNN, and RNN.
- My contribution Collected and preprocessed EMG signal data using Arduino, Excel, and Python (Pandas).
- Performed data cleaning, visualization, and feature extraction to prepare inputs for model training.
- Evaluated multiple ML algorithms (KNN, RNN, SVM) and selected SVM with 56% accuracy as the final model.
- interpreted results and visualized signal patterns to identify the movement threshold.