

# Sandipta Barik

Roll No.: 230720100223

Master In Computer Application

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🐙 GitHub Profile

🌐 LinkedIn Profile

## EDUCATION

### •Maaster In Computer Application(Data Analytics And Machine Learning)

2023-25

Centurion University Technology And Management, Bhubaneswar

CGPA: 8.9

## PERSONAL PROJECTS

### •Gym Management System

Gym Management System to streamline gym operations including member management, trainer details, and payment management.

- Login System: Implemented a secure login page with user authentication for both administrators and trainers, utilizing role-based access control.
- Trainer Details: Created a section for storing and managing trainer profiles, including information such as qualifications, specialization, and availability.
- Technology Used: Java, Swing, MySQL.

### •Chat Application (Advanced)

A Chat Application allows users to send and receive messages in real time.

- User Authentication, Real-time Messaging, Private and Group Chats, Chat History.
- Technology Used: Java Swing, My SQL.

### •Traffic Management Prediction

Daily and weekly updated statistics tracking the number of COVID-19 cases, recovered, and deaths.

- The objective is to provide actionable insights for effective traffic management and planning.
- Technology Used : Python, Jupyter, Algorithms.

## EXPERIENCE(INTERNSHIP)

### •Java Development

June - July 2024

CodSoft

Online

- Successfully developed three projects (Number Game, Bank Account System, ATM Interface) that enhanced Java programming skills and deepened understanding of real-world applications.
- Developed clean, maintainable, and reusable code with an emphasis on object-oriented principles and best practices.
- Gained hands-on experience in Java I/O, data validation, control structures, and user interface design.
- Delivered a functional ATM interface simulation, applying practical knowledge of security and user interactions in banking systems.

### •Machine Learning Using Python Virtual Internship

Oct 2024 - Nov 2024

CodSoft

Online

- Learned how to apply the algorithms for to Predict something.
- Learned advance of Python and algorithms.

## TECHNICAL SKILLS AND INTERESTS

**Languages:** C, Java, Python, Javascript, HTML+CSS

**Libraries :** React, Django, Flask, Node.js, Java Swing

**Web Dev Tools:** HTML5, CSS3, Bootstrap, Tailwind CSS, VScode, Git, Github

**Frameworks:** React, Django

**Cloud/Databases:**MySQL, AWS

**Relevant Coursework:** Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.

**Areas of Interest:** Web Design and Development, Java Programming, Machine Learning Using Python And Cloud Security.

**Soft Skills:** Problem Solving, Self-learning, Presentation, Adaptability

## CERTIFICATIONS AND ACHIEVEMENTS

### •AWS Academy Graduate- AWS Academy Cloud Foundations

Jan - Dec 2024

### •Designing and Implementing a Microsoft Azure AI Solution