

# SOUMYA RANJAN GHADEI

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## Career Objective

Passionate Python Developer seeking to leverage deep expertise in Python, data manipulation, and algorithm development to drive innovation and efficiency within a forward-thinking team. Committed to delivering high-quality code that enhances performance and solves real-world problems.

## Education

**MPC Autonomous College , Baripada**

*Master Of Computer Applications ; CGPA: 8.29/10*

**October 2022 – April 2024**

*Baripada, Odisha, India*

**Nilgiri Degree College**

*Bachelor of Science(HONORS)-Mathematics ; CGPA: 6.91/10*

**July 2019– April 2022**

*Baleswar, Odisha, India*

## Skills & Expertise

- **Programming Language** : PYTHON (OOps, Encapsulation, Abstraction, Inheritance, Polymorphism, Constructors, Destructors, Exception Handling, File Handling), C
- **Frameworks** : Numpy, Pandas, Matplotlib
- **Tools** : SQL, SQLite, Excel, Powerpoint, Git
- **Web Technologies** : HTML5, CSS3, JavaScript, Tailwind, Bootstrap
- **Platform** : Pycharm, VSCode, Jupyter Notebook, IntelliJ IDEA
- **Web Frameworks** : Django, Flask, FastAPI

## Projects

- **Face Recognition Attendance System (2024):** Python, Numpy, OpenCV, CMake  
Developed a system to automatically record attendance using facial recognition technology. Implemented algorithms to detect and recognize faces in real-time using Python and libraries such as OpenCV, dlib, and CMake. The system efficiently matches faces against a pre-registered database, ensuring accurate attendance logging. Utilized Python and Numpy for data handling and image processing.
- **Personal Finance Tracker:** Python, Pandas, Matplotlib  
Developed a personal finance tracker to log, manage, and analyze transactions. Stored data in CSV, with features for filtering by date and calculating income, expenses, and savings. Visualized financial trends using Matplotlib. Implemented input validation for accurate data entry.
- **Weather Forecast (2023):** HTML, CSS, JavaScript  
Developed a responsive website for displaying current weather information and forecasts. Implemented real-time weather updates. Incorporated location-based services to provide personalized weather data. Designed a user-friendly interface with HTML, CSS, and JavaScript, ensuring cross-browser compatibility.

## Certifications

**Microsoft Certification in Data Science:** Achieved Microsoft Certification on October 18, 2023, demonstrating proficiency in Data Science.

## Soft Skills And Abilities

- **Strong Communication and Collaboration skills.**
- **Eagerness to learn, adaptability, and a proactive approach to problem-solving**
- **Team-player, Focused, Fast and effective**

## Extra Co-curricular Activities

Travelling, Cooking, Browsing