MANASMITA NAYAK

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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

Roland Institute Of Technology , Berhampur — **October 2022 – Present**
Master Of Computer Applications ; CGPA: 8.6/10 — *Berhampur,Odisha, India*

Rama Narayan Degree College, Dura — **July 2019– April 2022**
Bachelor of Science, Zoology Honours ; CGPA: 7.8/10 — *Berhampur,Odisha, India*

Khallikote Unitary University, Berhampur — **April 2017 – April 2019**
Intermediate in Science; Percentage: 53% — *Berhampur, Odisha, India*

Saraswati Sishu Vidya Mandir, Berhampur — **2005 – 2017**
Matriculation; Percentage: 80% — *Berhampur, Odisha, India*

Projects

- **Rainfall Reveal Unveiling Rainfall Trends with Random Forests**

  Rainfall Reveal: Unveiling Rainfall Trends with Random Forests" explores the application of Random Forests, a powerful machine learning technique, to analyze and uncover patterns in rainfall data.

  This topic dives into the significance of understanding rainfall trends for sectors such as agriculture, water management, and climate studies. It discusses the limitations of traditional methods in predicting and analyzing rainfall and introduces Random Forests as an effective alternative due to its ability to handle non-linear relationships and complex interactions within data.

- **Password Generator:** HTML, CSS, JavaScript

  Developed a fully functional and responsive web-based password generator application using HTML, CSS, and JavaScript. **Implemented** robust algorithms to generate strong, random passwords based on user-defined criteria, including length, character types, and complexity. **Designed** an intuitive user interface with HTML and CSS to enhance user experience and accessibility across different devices. **Optimized** the application for performance and security, ensuring that it delivers quick and reliable password generation.

- **Personal Portfolio** HTML, CSS, JavaScript

  Responsive Design Created a visually appealing, mobile-friendly portfolio to highlight my technical skills and projects. **Dynamic Interactions** Leveraged JavaScript to incorporate smooth animations and interactive elements, enhancing user engagement. **Code Optimization** Focused on writing clean, efficient code with semantic HTML and modular CSS for maintainability and scalability. **Continuous Improvement** Regularly update the portfolio with new projects and improvements, reflecting my ongoing professional development.

Skills & Expertise

- **Programming Language**   : PYTHON,C
- **Web Technologies** : HTML5, CSS3, JAVASCRIPT
- **Database** : MYSQL, MONGODB
- **Frameworks** : DJANGO, FLASK

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,Dancing,Browsing