Bhagyashree Mandal

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OBJECTIVE

I am desirous to achieve an entry-level position in a progressive and innovative company where I can utilize my technical skills and knowledge to contribute to the company's growth.

SKILLS

PYTHON :

- Good knowledge on Object Oriented (**OPPS**) concepts (**Method Overloading , Method Overriding , Method Chaining Constructor Chaining,**)
- Proficiency in **OOPS Principles**.
- Good knowledge on **Object Class**.
- Good knowledge on **Lambda function, Map function and Filter Function**.
- Good knowledge in **Decorator, Iterator & Generator**.
- Efficient in **Exception Handling**.
- Good knowledge on **Comprehension Collection like List, Set & Dictionary**.

SQL (STRUCTURED QUERY LANGUAGE) :

- Having extensive knowledge in writing **SQL** queries.
- Very Good in **Joins** , **Sub-queries** , **Grouping** and **Functions**.
- Knowledge on the Statements (**DDL , DML , TCL , DCL , DQL**).
- Excellent at Performing **CRUD** operations on any **RDBMS**.
- Good in **Pseudo columns**.
- Able to convert tables to **Normalized form**.
- Written around 400-500 queries on the above topics.

Web Technologies:

- Proficient in **HTML5** for creating and managing tables, forms, and hyperlinks.
- Skilled in **CSS3** for responsive web design, animations, transitions, and modern layout techniques like Flexbox and Grid.
- Knowledgeable in CSS frameworks such as Bootstrap, Tailwind, and Material UI.
- Strong understanding of core JavaScript concepts, **DOM** manipulation, and experience with libraries like React.js.

EDUCATION

BACHELOR OF TECHNOLOGY (B.TECH):
- Balasore College Of Engineering And Technology
- Civil Engineering (BPUT)
- CGPA : 8.27

2020 - 2024
Balasore,Odisha

12TH SCIENCE (CHSE):
- Vinayak College Of Science And Commerce
- Percentage: 54 %

2018 - 2020
Bhadrak,Odisha

10TH (ICSE):
- Carmel School
- Percentage: 62 %

2016 – 2018
Bhadrak,Odisha

PROJECTS

Topographic Survey Using Total Station (Major Project)

- **Date** : March 2024
- **Role**: Project Leader
- **Description**: Led a topographic survey integrating total station data with digital mapping, enhancing accuracy and efficiency for civil engineering and land development projects.

  o **Responsibilities:** Planned survey objectives and control points, Operated total station and validated survey data, Integrated data into GIS software for mapping.

  o **Achievements:** Developed precise georeferenced topographic maps, Provided valuable tools for environmental assessments.

  o **Technologies:** Total Station, Theodolite, Electronic Distance Measurement (EDM), Coordinate Geometry (COGO) Software, Geographic Information System (GIS) Software.

RAIN WATER HARVESTING AND DRIP IRRIGATION (Minor Project)

- **Date** : November 2023
- **Role**: Project Leader
- **Description**: Led the study and implementation of a cost-effective wastewater treatment plant using constructed wetlands, tailored for rural and developing regions.

  o **Responsibilities:** Conducted research and designed the treatment plant layout, Supervised implementation, ensuring environmental compliance, Collaborated with local authorities and experts.

  o **Achievements:** Provided a sustainable wastewater treatment solution, Increased local awareness of eco-friendly practices.

  o **Technologies:** Constructed Wetlands, Sensor Integration, Data Analysis Tools.

CERTIFICATIONS

- Employability Skill development training from Mahindra Pride Classroom.
- Employability to entrepreneurship an approach for Future Techno Managers.
- Workshop on Industrial automation.
- Cyber Safety Campaign Odisha- 2023

HONORS & AWARDS

- I am a good team player.
- Collaborative skill.
- Quick learner.
- Punctuality

DECLARATION

  o   I affirm that the information provided is accurate and complete to the best of my understanding.