Balaji Sabat

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EDUCATION

Vignan Institute of Technology   Berhampur, India
Bachelor of Technology - Mechanical Engineering , **CGPA : 7.92**   *Nov 2020 - June 2023*

Kalam Institute Of Technology   Berhampur, India
Diploma - Mechanical Engineering , **Percentage : 70%**   *May 2018 - Aug 2020*

Aska Junior Science College   Berhampur, India
Secondary Schooling (CHSE) , **Percentage : 48%**   *May 2015 - May 2018*

Takarada Sahid High School   Berhampur, India
Matriculation (CHSE) , **Percentage : 65%**   *May 2014 - May 2015*

SKILLS SUMMARY

- **Languages:**   Python (Functions; recursions; OOPs concept- inheritance, polymorphism, abstraction, and encapsulation; Functional and non-functional programs; lambda map and filter functions; Decorators and single-ton decorators; iterators and generators; exception handling), HTML and CSS, Javascript, Bootstrap(Basics)

- **Database:**   SQL (DML, DCL, TCL, DDL, DQL, Normalization, Joins, Subqueries)

- **Framework:**   Django and Flask (templates, HTML forms, Model forms, Django forms, Models, static and generic apps, MDB5, bootstraps, class-based views, validators, CSV in databases, ORM, Joins)

- **Software:**   Visual Studio, Jupyter Notebook, Autocad, Floorplan, Cohoom, Sketchup, Adobe Photoshop, Apply Design

- **Platforms:**   Windows

- **Soft Skills:**   Leadership, Research, Time Management, Quick-Learner

EXPERIENCE

Broadspark System Pvt. Ltd   Visakhapatnam
CAD Engineer   *Feb 2022 - Mar 2023*

- **Responsibility**: My primary responsibility is to translate conceptual designs into detailed technical drawings and 3D models using various softwares like **floorplan, cohoom, sketchup**. **Floorplan** is detailed representation of a building's layout from a top-down perspective.

Pyspiders Marahathalli   Bengaluru
Python Full Stack Development-Internship   *June 2023 - Ongoing*

- **Responsibility**: My primary responsibility is to gain knowledge upon various software technical skills like **Python, SQL, HTML, CSS, Javascript** and frameworks like **Django, Flask** and started developing real-world projects.

PROJECTS

- **Quiz Application Development**: The main motive of this project is to design and develop a quiz application using the concepts of django framework in backend and HTML CSS for the frontend and SQL for databases. (Dec'23-Jan'24)

- **Facebook Clone Development**: The main objective is to create the clone of one of the popular social media applications i.e. Facebook using the concepts of Django framework in the backend as well as developing the page designs using HTML, CSS, javascript and bootstrap.This project deals with the process of handling the asynchronous communication between the client and server for a more dynamic user experience.   (Nov'23-Jan'24)

- **User Registration Form**: This project involves **Django** framework and **HTML,CSS** for developing the frontend layer.This project includes creation of models and views and then it deals with **URL configurations** and the process of **validation** and **authentication**.   (Jan'24-Feb'24)

- **Basic Projects Development Using Python Full stack** : Radha Krishna image creation using python,Dating application using HTML,CSS and JS, Profile card display using HTML and CSS   (Jan'24-Ongoing)