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SAGAR KRISHNA BOSE

Summary

I am an Electronics engineer with a great passion for software development. I have worked on different projects using Python. I have adequate experience in different Python libraries like Django, Flask, Tkinter, Rest APIs, DBMS like MySQL, PostgreSQL, AWS. I also have knowledge in Core Java, C language.

My aim is to enhance my skills and gain experience to become a better software developer. I am looking to start the career as an entry-level software engineer with a reputed firm driven by technology. Strong written, verbal communications and leadership.

Skill Highlights

- Python
- Django
- Flask
- Core Java
- SQL Database
- AWS

Projects

- ✓ **Data Collector Web-app**(<http://htcoll.herokuapp.com>)
 - Developed an interactive live web app using Python and used Heroku to deploy it.
 - User can enter email address and height, after getting data, it sends the data to data base, calculates the average height and sends the average to the user via email automatically.
 - Utilized: Flask, PostgreSQL, sqlalchemy and send_email libraries of Python
- ✓ **Desktop Data Base app**
 - Built a real world program using Python that allows user to store information about books.
 - Includes features like author, title, year, ISBN number. User can add, remove, search or update entry.
 - Utilized: Tkinter and Sqlite3
- ✓ **Weather app (Desktop executable)**
 - Used API to generate live weather updates of different cities in any part of the world.
 - Utilized: Tkinter, Requests library
- ✓ **MP3 player**
 - Built an mp3 media player using Python.
 - Utilized: Tkinter, Pygame, Mutagen, and Ttkthemes libraries of Python

Education

Bachelor of Technology(ETC): **KIIT University (2018-22), Bhubaneswar, India**

Higher Secondary (ISC): **Welland Gouldsmith School, Kolkata, India**

Matriculation Exam X Std (ICSE): **Welland Gouldsmith School, Kolkata, India**