Ravi Sharma

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https://githubravisharma.github.io/RaviPortfolio/

SUMMARY

Motivated and dedicated BTech Computer Science Engineering student with a strong passion for technology. Skilled in various programming languages like python, machine learning algorithms, and data structures. Actively engaged in coursework that encompasses subjects ranging from software development to database management.

INTERNSHIPS

Full Stack Developer Intern, July 2024 - August 2024

Powergrid Corporation of India, Gurgaon

- Developed an advanced PDF Converter application using various Python libraries, supporting multiple file conversion formats. Integrated backend database connectivity to store file metadata and user login data.
- Implemented an authentication system, management information system, and dashboard. Created a comprehensive user manual to ensure ease of use and efficient application management*.*

eFSC Developer Intern, July 2023 – August 2023

Indian Farmers Fertiliser Cooperative Limited, Saket

- During my Training & Internship at IFCCO, I gained hands-on experience in writing queries using PL/SQL for EFSC software.
- This opportunity allowed me to delve into the practical applications of the Oracle database, .NET Framework, and MVC Framework, Moreover, this experience instilled in me a strong understanding of cooperative ethics & time.

EDUCATION

BTech Computer Science and Engineering with specialization in AI & DS, 2021 – Present
SRM University, Sonipat
CGPA – 8.71 (Semester I – Semester VI *Agg.*)

Class XII – CBSE, 2021

Rukmini Devi Public School, Pitampura

Percentage – 92.6%

Class X - CBSE, 2019

S.D Public School, Pitampura

Percentage – 94.6%

TECHNICAL SKILLS

1. Programming Languages (*Python and C Programming*).
2. Tools and Technologies *(Git, IBM Cloud, SQL Express).*
3. Web design *(Html, CSS & Javascript).*
4. Frameworks and Libraries *(.Net MVC, Node.js, Streamlit, Bootstrap, Scikit-Learn).*
5. Databases *(MySQL and MongoDB).*
6. Other relevant technical skills *(Machine learning and data Visualization).*

PROJECTS

1. Nirmal PDF Converter –

Developed a PDF Converter application using various Python libraries, supporting multiple file conversion formats. Integrated backend database connectivity to store file metadata and user login data. With this additional features such as authentication, management information system and dashboard were also added to the application.

2. Converzo Currency Converter –

Developed an innovative online currency conversion platform supporting over fifty currencies providing a user-friendly solution to meet diverse currency conversion needs. Implemented real-time currency rate updates using APIs, ensuring up-to-date exchange rates 24/7.

3. Portfolio Development Project –

Successfully developed a visually appealing portfolio that effectively showcases my general information, skills, and project work and demonstrated creativity through detailed project presentations. Designed the portfolio to attract and engage potential recruiters by providing a comprehensive view of my professional capabilities and achievements.

4. Medicos Cancer Diagnosis –

Developed Medicos, a medical web application with a user-friendly interface to streamline the diagnostic process designed for the early detection and diagnosis of breast cancer. Utilized machine learning algorithms to classify breast cancer cells into benign and malignant categories based on various input parameters.

5. Black & White Image Converter –

Developed B&WIC, a web application showcasing JavaScript capabilities in real-time image manipulation. This interactive tool empowers users to upload their images with just a few clicks and instantly convert them into grayscale/Black & White format and download them.

CERTIFICATIONS

1. Internship Completion Certificate - *Powergrid Corporation of India*
2. Introduction to python – *IBM*
3. Internship Completion Certificate - *Indian Farmers Fertiliser Coop. Ltd*
4. The complete 2024 web development bootcamp - *Udemy*
5. Cloud Application Developer - *IBM*
6. Data science with Machine learning – *SKOLAR*
7. Machine Learning With R – *IBM*

EXTRACURRICULAR ACTIVITIES

Actively participated in various computer science workshops conducted at college, enhancing my technical skills and knowledge. Engaged in hackathons, where I collaborated with teams enhancing my problem-solving abilities and adaptability in high-pressure environments.

LANGUAGES

1. English
Professional level Proficiency
2. Hindi
Native level Proficiency