PRITHVI KATHURIA

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|DOB-22/10/2002|

About Me

Highly motivated Computer Science Engineer seeking a challenging internship/full-time role in IT and Software, and related technical fields. Proficient in Python, HTML, and CSS, with hands-on experience in Software Development, Data Analysis, and Artificial Intelligence projects. Eager to contribute technical expertise and problem-solving skills to drive innovative solutions and impactful results. Have also gotten skills in marketing, business and economic related fields.

EDUCATION

Vellore Institute of Technology, Vellore
(2021-present)
(BTech in Computer Science and Engineering with a Specialisation in Business Systems)
XII CBSE - Bal Bharati Public School, New Delhi (90.6%)
(2020-21)
X CBSE - Bal Bharati Public School (94.8%)
(2018-19)

SKILLS

- **Technical Skills** - Python, Java, HTML, JavaScript, C++, CSS, SQL, R, design patterns, database concepts
- **Frameworks** - Data structures, algorithms, MYSQL, OOPS, Software methodologies
- **Soft Skills** - Leadership in Entrepreneurship Cell CLUB of VIT, Time management, Problem solving
- **Languages** - Hindi, English, French (fluent in written language)
- **Marketing and Business**- Miscellaneous Skills in Human Resource Management, Marketing, Services and Economics.

COURSES AND CERTIFICATION

Python for Everybody Specialization
(Coursera):
- Developed a solid understanding of Python Programming fundamentals, including variables, data types, conditional statements, functions, loops, and other object-oriented programming concepts.
- Gained hands-on experience working with common data structures in Python, such as tuples, dictionaries, and lists.
- Trained in relational databases using SQL.
- Trained in Statistical programming using R language.

Fundamentals of Artificial Intelligence
A course in AI, including exploratory data analysis, algorithm production, and reviewing algorithm performance.

Amazon Web Services (AWS):
- Completed course, exam and earned certification for Cloud Practitioner.
- Completed course, exam and earned certification for Solutions Architect Associate.

PROJECTS AND EXPERIENCE

● **VSHOP – Online Shopping Website Prototype**   (July'22-Nov'22)
Implemented design technologies into the website by taking inspiration of some of the features from Amazon, innovated software development in the frontend, collaborated in the backend area.
(HTML, JAVA, CSS)

● **Implementation of NLP and Sentimental Analysis for detection of phishing attacks**
                                                                (Feb'23-April'23)

Research paper for flagging potential phishing attempts by identifying suspicious patterns and analysis of the emotional sentiment conveyed in the text.
(Python)

● **Uncertainty Quantification** (May'23-July'23)

Research paper exploring and comparing different types of uncertainty in machine learning algorithms.

● **Personalized Financial Assistance** (Jan'24-May'24)

Project on Personal Financial Assistant in the form of an AI chatbot with various other AI tools that help in managing finances.
(HTML, CSS, JavaScript)