ARSHDEEP SINGH SODHI

Course : **B.Tech**, CSE, 2024

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CGPA : 8.88

ACADEMIC DETAILS

COURSE	SPECIALIZATION	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	SCIENCE	Tyndale Biscoe School	Jammu and Kashmir State Board of School Education (JKBOSE)	394 MARKS	2020
CLASS X		Tyndale Biscoe school	Jammu and Kashmir State Board of School Education (JKBOSE)	8.8 GRADE	2017

Subjects / Electives	Artificial Intelligence , Data Structures and Algorithm, Software Engineering and Project Management , Database Management System , Semantic Web , Object-Oriented Programming System, Computer Networks, Operating Systems
Technical Proficiency	Figma, MongoDB, SQL, Machine Learning, C++, Tensorflow, Project Management, HTML + CSS, Bootstrap, Problem Solving, JavaScript, Microsoft Excel, Node.js, NLP, Scikit-Learn, React.js, Python, C Programming

SUMMER INTERNSHIP / WORK EXPERIENCE

Clone Website/Application Development and Optimization, IBM SkillsBuild   **Jun 2023 - Jul 2023**
- Gained hands-on experience in HTML, CSS, and JavaScript, essential technologies for modern web development.
- Acquired skills in crafting interactive user experiences through JavaScript and demonstrated dedication and commitment to learning emerging technologies.

Artificial Intelligence / Machine Learning , AICTE NEAT   **May 2023 - Jul 2023**
- Hands - on experience with various Artificial Intelligence and Machine Learning tools and projects .
- Acquired in-depth knowledge of fundamental AI and ML concepts, including neural networks, deep learning, and natural language processing.

PROJECTS

ARTIFICIAL INTELLIGENCE React App , Alan AI, JavaScript - Web Development   **Sep 2023 - Present**
- Alan AI represents a groundbreaking speech recognition solution, enabling seamless integration of voice functionalities into applications, offering comprehensive voice control for complete app interaction.

Weather App using Node.js & ExpressJs - Web Development   **Aug 2023 - Sep 2023**
- Developed a weather application using Node.js and Express.js, demonstrating proficiency in back-end web development and API integration for real-time weather data retrieval and display.

Web Scraping and Data Extraction Project - Data Structures and Algorithm   **Jul 2023 - Sep 2023**
- Developed custom web scraping scripts and utilized tools like BeautifulSoup to efficiently gather and process data.

MNIST Digit Classification - Machine Learning   **Jul 2023 - Aug 2023**
- In this project, I utilized the TensorFlow library to create an image classification model. The goal is to accurately classify images of handwritten digits into their respective classes (0-9).

SAFE ROUTE WEB PREDICTOR - Machine Learning , Web development , Web scrapping ,Python .   **Apr 2023 - Jul 2023**
- Engineered a Safe Route Web Predictor by synergizing machine learning, web development, web scraping, and python skills to provide real-time route safety recommendations.

A Virtual Room using Unity Hub - Augmented Reality and Virtual Reality   **Oct 2022 - Nov 2022**
- A virtual room created using Unity Hub is a 3D environment that can be explored in real-time using a computer or mobile device.

POSITION OF RESPONSIBILITY

Member of - Directorate of student affairs (DSA)   **Apr 2022 - Jun 2024**
- Member of DSA in SRM , DISCIPLINARY, Directorate of student affairs (DSA).
- To maintain proper order an discipline in campus, to organize and monitor all the events in the college .

Committee Head - Aaruush   **Mar 2022 - Jun 2023**
- I played a pivotal role within the Highlights team, spearheading Guest and Event Management responsibilities, while effectively leading a team of ten members.
- I also contributed actively during the Aaruush Techno Management Event.

EXTRA CURRICULAR ACTIVITIES

SPORTS
 • Interschool, District and National - Hockey , Basket ball player .

FASHION MODEL / MODELLING
 • Fashion Model/Modelling won 2nd prize in inter-college fashion show , performed in various shows (Rendezvous, Aura PIMS , MILAN and many more) .
 • Won 2nd prize in inter college show JHALAK , I was the captain of team TRISHUL .

AWARDS AND RECOGNITIONS

Full-stack Web Development Hackathon | Flipr   **Apr 2023**
Our web-based platform enables users to access and stream podcasts in both audio and video formats.

Won 1sr prize at Ja Assure Hackathon , Singapore . | Ja Assure, Singapore   **Apr 2023**
The smart routing application suggests the safest and most secure route that avoids high-crime regions, taking into account weather and traffic conditions . It also suggests safe spots to wait or stay in case of high crime times or unfavourable conditions .

CERTIFICATIONS

CERTIFICATION	CERTIFYING AUTHORITY
Problem Solving HACKERANK	CTO , HACKERANK
AWS Academy Machine Learning Foundations	AWS
Oracle ,Database Management System	Oracle
AWS Academy Cloud Operations	AWS
Python for Data Science and Machine Learning Bootcamp	UDEMY
IBM ,Front End Development	IBM Edunet foundation
Mastering DSA using C and C++,UDEMY	UDEMY

COMPETITIONS

E-Commerce & Tech Quiz (Flipkart Grid 5.0) - Software Developer   **Aug, 2023**

Won 1sr prize at Ja Assure Hackathon , Singapore   **Apr, 2023**

CONFERENCES AND WORKSHOPS

" Industry 5.0 Emerging technology to transform the globe " NCIET 2023
Organized by: **National institute of technical teachers training and research SERB - DST sponsored National conference** | Date: **Apr 2023**

SCHOLARSHIPS

Prime Minister's special scholarship Scheme (PMSSS)   **Oct 2019**
I received scholarship because of my percentage in class 12 .

LANGUAGES KNOWN

Hindi, Punjabi, English