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EDUCATION

Degree	Specialization	Institute	Year	CPI
B.Tech	*Computer Science & Engineering*	MRU Hyderabad	2020-2024	8.59
HSC BIETS	*Physics, Chemistry, & Mathematics*	Sri Chaitanya College	2020	9.65
SSC	-	Sacred Heart School	2018	9.70

INTERNSHIPS AND CERTIFICATIONS

- **Salesforce Developer Virtual Internship** *[Smart Internz]* *Nov-Dec 2023*
  - Completed modules on **Salesforce Fundamentals**, Organizational Setup, Relationship Process Automation, Types of Flows **Security, Apex, Testing, Debugging, VS Code and CLI Setup**.
  - **Gained hands-on experience** with **Lightning Web Components and API** , enhancing technical capabilities and practical insights.
  - **Earned Super Badges** including **Apex Specialist, Process Automation Specialist, and Developer Super Set**, showcasing expertise and dedication.
- **IBM And Coursera Certifications** *2020 - 2024*
  - Successfully completed and received a passing grade in **SQL and Relational Databases 101**, a course offered by mruniversity.skillsnetwork.site and powered by **IBM Developer Skills Network**.
  - Successfully completed the **"Machine Learning with Python"** course on cognitiveclass.ai, powered by IBM Developer Skills Network. Issued by Cognitive Class on May 17, 2022.
  - Completed NPTEL Online Certification in **Deep Learning** with a score of 54%.
  - Completed **AWS Academy Cloud Security Foundations** as an AWS Academy Graduate.

PROJECTS

- **Cardiovascular Disease Detection Using Machine Learning** *Nov-Dec 2022*
  - Developed and implemented **machine learning models** to accurately predict cardiovascular disease, utilizing algorithms such as **Logistic Regression, Random Forest, and SVM**.
  - **Preprocessed and analyzed** large medical datasets, ensuring data quality and applying feature engineering techniques. **Achieved an 81% accuracy rate with the Random Forest algorithm in detecting cardiovascular diseases**, demonstrating significant improvements over traditional diagnostic methods.
- **Image Classification Using Convolutional Neural Network** *[CNN]* *May-June 2023*
  - **Programmed a CNN model in Python and TensorFlow/Keras** to **classify images in the CIFAR-10 dataset** based on **pixel values of the datapoints** through machine learning techniques.
  - Developed core sub-models from scratch, including **Convolutional Layers, Pooling Layers, Fully Connected Layers, and Activation Functions**, by processing floating-point inputs and integrated them to build the end-to-end classification model, **achieving an accuracy of 70.74%.**
- **Wearable Hand Glove Translates Sign Language To Speech** *[IOT Based]* *Feb-Apr 2024*
  - Developed an IoT-based wearable glove that **translates sign language** into speech, utilizing **flex sensors** to detect finger movements and an **MPU** to compute hand orientation, displaying alphabets on an LCD screen with **adjustable sound output**.
  - **I**mplemented a **dual communication method** the glove outputs sound and sends text messages to a receiver, **enhancing communication** for people who are **deaf** or **not fluent in sign language**.

EXTRA-CURRICULAR ACHIEVEMENTS/ACTIVITIES

- Participated in National Science Day **SPLENDOUR 2021**, conducted by Malla Reddy University
- Actively participated in a four-day workshop on **Machine Learning** held on campus.

TECHNICAL SKILLS

- **Languages:** Python, Java.
- **Frontend:** HTML, CSS, Bootstrap, JavaScript.
- **Database:** SQL, MongoDB.
- **Tools:** VS Code, Jupiter Notebook, Git, GitHub.