Hriday Kondru

Roll No.:B20CS021
B.Tech
Computer Science and Engineering
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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. (CSE)	Indian Institute Of Technology, Jodhpur	8.87	2020-2024
Senior Secondary	Telangana State Board	95.4%	2020
Secondary	CBSE Board	93.2%	2018

EXPERIENCE

- **Jio Platforms Limited, Hyderabad** *May. 2023 - Aug. 2023*
  Internship in Infra for Enterprise AI Certificate
  - **Tools & technologies used**: Google Cloud Functions, Compute Engine, BigTable, Cloud Build, Flask
  - Architected, Designed and Implemented an innovative web application, *"Loan Pre-Approver"*, using Cloud Architecture and Machine Learning. The application streamlines loan pre-approval by analyzing historical data.

- **Vedic Systems Private Limited, Hyderabad** *May. 2022 - Aug. 2022*
  Internship in App Development Certificate
  - **Tools & technologies used**: Android Studio, Java
  - Development and integration of video functionality similar to YouTube Shorts into a sports social engagement app.

PROJECTS

- **AI Text Tone Keyboard** *Nov. 2021 - Mar. 2022*
  Under Dr. Sumit Kalra, Dept. of CSE, IIT Jodhpur Github
  - **Tools & technologies used**: Android Studio, Java, TensorFlow, TensorFlow Lite, SQLite
  - Developed an Android keyboard with real-time visual feedback on sentence tone as users type.
  - Employed an on-device TensorFlow Lite Text Classification model for immediate sentence tone analysis and extended mood analysis by using text stored in the SQLite database.

- **Prakriti App** *Sep. 2022 - Nov. 2022*
  Under Dr. Suchetana Chakraborty, Dept. of CSE, IIT Jodhpur
  - **Tools & technologies used**: Android Studio, Java
  - A social engagement app, currently undergoing testing for use at IIT Jodhpur, facilitates users in discovering and sharing diverse plant and animal sightings, complete with location details and photos, with fellow nature enthusiasts.
  - Integrated data from Firebase into Map section using google maps API.

- **Hospital Data Management** *Sep. 2022 - Nov. 2022*
  Database Management Systems Course Project Github
  - **Tools & technologies used**: PHP, MySQL, HTML, JavaScript
  - A comprehensive full-stack web application designed for multi-branch hospitals, encompassing various departments and doctors.

- **Multi-modal Data Fusion Research Project** *Aug. 2023 - Present*
  Under Dr. Suchetana Chakraborty, Dept. of CSE, IIT Jodhpur
  - **Tools & technologies used**: Python
  - Engaged in an ongoing research project focused on Complex Human Activity Recognition.
  - Developing advanced strategies to fuse multi-modal data from diverse sensor sources.
  - Aiming to publish a based on the novelty and significance of the findings.

KEY COURSES TAKEN

- Design and Analysis of Algorithms, Data Structure and Algorithms, Operating Systems, Intro to Blockchain, ML with Big Data, Optimization for ML, Pattern Recognition and Machine Learning, Distributed DBMS

TECHNICAL SKILLS

- **Programming:** C/C++, Python, Java, JavaScript, MySQL, PHP
- **Tools & OS:** Google Cloud Platform (GCP), Git, Google Colab, Linux, Windows
- **Libraries/Frameworks:** Android, Pandas, Numpy, scikit-learn
- **Web Skills:** HTML, JavaScript, NodeJS

ACHIEVEMENTS

- **Secured 5th Position** Branch Rank, after semester 5 *2023*
- **A* Grade** in the course Operating Systems, given to not more than top 2% of the students *2023*
- **Poster Presentation** Project AI Text Tone Keyboard was showcased at IIT Padharo *2022*