APAAR ARORA

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Education

Degree / Certificate	Institution	Year	CPI / Percentage
B.E	BMS Institute of Technology And Management,Bangalore , India	2021	6.6/ 10.0
Class 12 : CBSE Board	Apeejay Sheikh Sarai, New Delhi,India	2016	89%
Class 10 : CBSE Board	Apeejay Sheikh Sarai, New Delhi,India	2014	9.1/10

Awards And Scholarships

- Secured first place in a Quiz organized by CSE department in 2019.
- Secured second place in Battle of bands in fest of MVIT Bangalore in 2018.
- Secured first place in the Treasure hunt organized by ECE department in 2018.
- Volunteered at Annual College Fest UTSAHA in BMSIT&M in 2018.

Internships / Work Experience

Hewlett Packard Enterprise,Bangalore(April 2021 - July 2021) - Worked At Smart City Platform learning various concepts of Front-end ,Back-end and database along with hands on experience with MERN stack

- Creating and setting up the MongoDB database.
- Build the backend/middleware for the platform using NodeJS.
- Setting up Kafka Consumer to consume data from the edge devices.
- Working on converting high-level concepts discussed within the team into actual code.
- Building reusable and scalable code for future use.

Technical Skills

Programming Languages	C, C++, Java, Python
Web development	Html, Css, Javascript, Node.js, ReactJs, MongoDB, Django
Tools	VScode, Eclipse, Postman, STS (Spring Suite)

Course Projects

Automated Image Captioning System Using Deep Learning

- Designed a Deep learning Model to generate Captions for an uploaded image.
- Used Different Algorithms like CNN,LSTM And Xception Model for training and predictive nature of the model.
- Made a Web prototype Using HTML & CSS including options for Uploading Image, Reset the model and Generating Captions.
- Used A 8k dataset for training the model which included 8000 images and 5 captions for each image.
- The model had 68% accuracy in generating captions for the uploaded image as the final result.

Hostel Management System

- Designed a Hostel Management System optimized for students and faculty using PostgreSQL, HTML and CSS.
- Implemented Complaint and Attendance Management System for the faculty and students.

Extra Curricular Activities/Interests

- **Music Club** at BMSIT&M - Participated in various solo and band music competitions throughout Bangalore.
- Participated in many quizzes and gaming competitions.
- Volunteered at JUST HELP FOUNDATION in New Delhi.