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EDUCATION

Examination	University	Year	CGPA/%
B. Tech Computer Engineering	Delhi Technological University	2020-24	9.36
AISSCE (Class XII)	Modern School, Barakhamba Road	2020	97.4%
AISCE (Class X)	Modern School, Barakhamba Road	2018	96.8%

EXPERIENCE & ORGANISATIONS

- **SDE Intern, Expedia Group** *(May 2023 - July 2023)*
  Worked on Automating **Rules & Policy** Promotion across different development **environments**
  Created a **new Backend Service** and integrated it in the **existing Application** for Policy Central
  Used **Spinnaker Pipelines** along with **GitHub Actions** and **Jenkins** to Deploy **Backend** and **Frontend**
  Tools Used: Java, Spring Boot, ReactJS, Postman, Spinnaker, Jenkins, GitHub, Jira, Artifactory
- **Data Mining at Unstop (Formerly Dare2Compete)** *(May 2022)*
  Conducted **Exploratory Data Analysis** on **Survey Data**
  Presented **resulting trends** in data using **visualisations** & **statistics**
- **Open-Source Contributions**
  Contributed a new connector to **Microsoft Repository** (#1136, #2033), New module for **Arduino-Library** (#11),
  Added Code solution to **lazyCode** (#91), **Ploomber** (#363), **Appwrite** (#81, #18, #25, #10), **Own Repository**

ACADEMIC PROJECTS

- **Woody On Mission** (Link) - Demo
  Developed a **gamified platform** for children where they will be rewarded points for completing assigned tasks using **NFTs**
  - Created **Backend Server** using **Node** & **Express** integrating **MongoDB** & **SendGrid API** for emails by Twilio
  - Implemented **interactive user interface** using React coupled with **NFT minting** using **DeSo Blockchain** for rewards
  - **Used tools:** ReactJS | NodeJS | Express JS | Typescript | MongoDB | DeSo | Twilio
- **Proctorly** (Link)
  Developed a **remote autonomous exam proctoring** solution using Machine Learning and won **1st** prize in Innovathon'21
  - Worked in team to implement **7 ML models** with **self-created dataset** for **Headphone Detection**
  - Built a **demo website** with features like **tab switch** and **copy-paste** detection
  - **Used tools:** Python | OpenCV | TensorFlow | Keras | Yolo | CNN | ReactJS | CSS | Git
- **Video Popularity Prediction** (Link)
  Used **Machine Learning** to predict the number of **views** of a **video** based on **metadata**
  - Performed **Exploratory Data Analysis** to find key insights and observed trends through **visualizations**
  - Awarded **3rd Position** in **Hackathon** held by **Bitgrit** by getting **90.636% accuracy** using **Linear Regression**
  - **Used tools:** Python | NumPy | Pandas | Scikit-learn | Jupyter Notebook

TECHNICAL SKILLS

- **Languages** / **Tools**: C++, C, Java, Spring Boot, Python, TensorFlow, Pandas, NumPy, OpenCV, JavaScript, MATLAB
- **Certifications**: Algorithmic Toolbox, Microsoft Certified: Azure Fundamentals, Deep Neural Networks with PyTorch Microsoft Certified: Azure AI Fundamentals

ACHIEVEMENTS & AWARDS

- Selected among the top 9 teams for **Flipkart Grid 5.0 National Finale** among **5,00,000+** participants
- Qualified for Grand Finale at **HackWithInfy'22** by ranking among **top 100** participants out of **2,00,000+** participants
- **MLH Top 50 Hacker of 2023** out of the **150,000** students who participated in MLH hackathons - Link
- Among the **top 50** teams at **Amazon Hackon** 2023 among **50,000+** teams - Link
- Secured **1st Position** in **Microsoft Build AI Gaming** Tournament Globally
- Ranked **2nd** among **163** participants at **Bosch Technical Case Matrix'22**
- Shortlisted among **top 14** finalist teams for **Amdocs Hackfest'22** from over **12000+** participants
- Selected for **Amazon ML Summer School'22** conducted by **Amazon Scientists** over a span of **4 weeks**
- Top **15** finishers of **Design for a Cause 2021**. **Blog**
- JEE Main Rank - **10204** | KVPY Scholar with **859** Rank | Cleared JSTSE with **137** Rank

EXTRA-CURRICULAR ACTIVITIES

- **Gold Microsoft Learn Student Ambassador** – Organized **14+** events, mentored **7+** new ambassadors, worked on **Social Impact Projects** and provided **product feedback** at multiple **Bug Bashes**
- Organized **AI Gaming Event** with over **250 participants** | Organized and curated **4+** **Hackathons** ranging from **Fintech, AI Gaming and Data Science**
- Presented my Power Apps Demo at Microsoft Power Platform Community Call - Blog | **Student Coordinator** at **MACS - DTU** Prepared a **DSA Video** with **D_Coders DTU** | Prepared Question Bank for students at **Gyankunj NGO**