



Nipuna Chhabra

BTech in Computer Science and Engineering

A quick learner who can wear different hats, looking to work in a challenging environment.

Education Qualifications

- **BTech in Computer Science and Engineering | 8.63**
Minor- Big data
Manipal Institute of Technology | 2023
Sem1- 8.41| Sem2- 8.77| Sem3- 8.96| Sem4- 8.67| Sem5- 8.38| Sem 6- 8.55
- **89**
St Mary's Convent | ISC | 2018
- **93.8**
St Mary's Convent| ICSE | 2016

Internships

IIT Hyderabad/ Research Intern

- Developing a **graph neural network model for NL-PL task**.
- Building the pipeline for java code to be fed into the model.

Gravitas AI / Chatbot developer intern

- Designed and extensively documented chatflows.
- Developed a chatbot using python, AWS LexV2, Lambda, S3bucket .

Projects

"Something Something Hota Hai ", - An Explainable Approach towards Sentiment Analysis on Indian Code-Mixed Data

- accepted at Workshop on Noisy User-generated Text (W-NUT), **EMNLP'21**.
- discusses the implications explainable methods (**Lime and Shap**) for sentiment analysis on Hindi-English **code-mixed data**.

Lumos - ISTE club app

- Worked with Swift5 **UIKit**, responsive UI, dark mode support; implemented secure user authentication and fetched data from a **REST API** backend.
- designed **programmatically**, following MVC architecture

Oui Checker - (Networks lab project).

- Extract MAC addresses of all machines(pc/mobile/router) in a network, & identify the OUI (Organizationally Unique Identifier) and cross check it with IEEE database. (Language: C)

Image Gallery

- A learning project to understand a crud application in Django.
- Functionality - Search, Add, delete images

Co-Curricular Activities

Vice President - Apple Developers Group, Manipal

Organised workshops and mentored over 30 students with introductory iOS development. Overseeing projects with professors all over MAHE and overseeing harmonious functioning of App development, Web development, ML, backend and logistics departments.

Research Society Manipal

Participation in Regular paper discussions.

Volunteer Service Organisation

Visited the pediatric ward, collected donations for flood victims, beach cleanup, taught English in Bijapur Slum, interactive sessions in Asare Asylum.

Contact

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Citizenship : Indian

DoB : 16/12/2000

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Electives

Cloud Computing
Big Data Management
Machine Learning
Graph Analytics
Software Testing
Enterprise Data Architecture
Android Development
Computational Intelligence and Sustainability

Technical Skills

C, C++, Java (Problem Solving),
SQL,

Python, HTML, Bootstrap,
Basic javascript, Django

Machine Learning Libraries:
scrapy, numpy, pandas,
pytorch, matplotlib, keras.

iOS development: Swift5, MVC

References

Dr Jyothi Vedurada
Prof IIT Hyderabad
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Rohit Kuber
iOS developer @ Fampay
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