



Vishma Pratim Das
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DOB: January 21, 2001
Address: Satgaon, Guwahati, Assam - 781171



Education

IIIT Delhi M.Tech(CB) 2024 – Present	CGPA: 7.00 (till II nd Semester)
DUIET, Dibrugarh University B.Tech(CSE) 2019 – 2023	CGPA: 7.12
SGVP Intl. School, Ahmedabad ISC 2018 – 2019	Percentage: 64.6
Army Public School, Guwahati CBSE 2016 – 2017	CGPA: 9.0

Skills

Expertise Area	Android Development, Machine Learning, Deep Learning, Web design
Programming Language	Kotlin, Java, Python3, Javascript, PHP
Tools and Technologies	Android SDK, Android Jetpack, Android Studio, Gradle, Git, Material Design, Retrofit, OkHttp, Glide, Picasso, Dagger Hilt/Koin, Coroutines, Flow, JUnit, Espresso, Mockito, SQLite, Firebase, RESTful APIs, XML, PyTorch, Scikit-learn, Pandas, Numpy, XAMPP, PHP
Technical Electives	CSE535-Mobile Computing, CSE543-Machine Learning

Internship

Machine Learning Intern (Industrial) Guide: Mahendra Datta Gained practical data science experience using Python , PyTorch , and scikit-learn for data processing, model training, and insight generation.	Aug,22 –Sep,22 Team Size: 3
Web Design Trainee (Industrial) Guide: Tankeshwar Nath Gained hands-on experience in building responsive websites using HTML , CSS , JavaScript , and backend development with PHP , covering the full web development lifecycle.	Nov,20 –Dec,29 Team Size: 4

Projects

Discord AI chatbot (Link to server: <https://discord.gg/VyuGGRMuXp>)

Apr,25 – May,25

Guide: Self-guided

Team Size-1

Developed a DISCORD bot for AI-driven replies. It responds to mentions and contextually shares professional details (resume/email) based on conversation intent.

News Application (https://github.com/VishmaPratimDasHere/News_App)

Apr,25 – May,25

Guide: Dr. Arani Bhattacharya

Team Size-2

Developed a real-time news app using **Kotlin**, **MVVM**, **Jetpack libraries**, **Retrofit**, and **Coroutines**, with search and bookmarking features via the **News API**.

Flight Data Aggregator (https://github.com/VishmaPratimDasHere/Flight_Data_Aggregator)

Apr,25 – May,25

Guide: Dr. Arani Bhattacharya

Team Size-1

Built a real-time flight tracking app using **Kotlin**, **Jetpack Compose**, **Room**, **Retrofit**, and **Coroutines**, integrating the **AviationStack API** with background updates and local data storage.

Travel App

Feb,25 – Mar,25

(https://github.com/VishmaPratimDasHere/Travel_App)

Team Size-1

Guide : Dr. Arani Bhattacharya

Built a travel planning app using **Kotlin** and **Jetpack Compose** to display routes, distances, and journey progress, with support for **unit conversion** and dynamic **city info** display.

Object Tracking Project using Python

Nov,24 – Jan,25

(https://github.com/VishmaPratimDasHere/ML_Object_Tracking/tree/main)

Team Size-5

Guide: Dr. Vinayak Abrol

Built a real-time object tracking system using **OpenCV** and **template matching** for efficient visual tracking across video frames.

Awards and Achievements

- Publications :

- a. **Detection of Explicit Lyrics in Hindi Music Using Different Machine Learning Algorithms**

Published in Advances in Data-Driven Computing and Intelligent Systems – Selected Papers from ADCIS 2023, Volume 1 (Springer), Feb 2024

Conference: International Conference on Advances in Data-Driven Computing and Intelligent Systems (ADCIS 2023), BITS Pilani, Goa Campus

Link : [Detection of Explicit Lyrics in Hindi Music Using Different Machine Learning Algorithms | SpringerLink](#)

- b. **Detection of Explicit Lyrics in Hindi Music Using LSTM**

Published in Proceedings of the 14th International Conference on Computing Communication and Networking Technologies (ICCCNT 2023) (IEEE), Jul 2023

Conference: ICCCNT 2023, IIT Delhi, New Delhi

Link : <https://ieeexplore.ieee.org/document/10308139>

Interests and Hobbies

- Attending virtual internships
- Participating in Squash, Badminton and other sports

Declaration: The above information is correct to the best of my knowledge.

Vishma Pratim Das

Date: July 15, 2025