

ACADEMIC DETAILS

Qualification	Institute	Year	
Master's in Data Science and AI	Chalmers University, Gothenburg	2023-2025	
B.Tech, Computer Science Engineering	GITAM University, Hyderabad	2019-2023	

TECHNICAL EXPERIENCE

- **OrbitX India Aerospace - Research and Development Project Intern** (May 2022 - October 2022)
 - Utilized job-related software to perform descriptive and multivariate statistical data analysis for the reusable launch vehicle. Formulated conceptual design of aerospace systems to meet requirements and simulation of prototypes.
- **Medibliss Transactions Pvt Ltd - React Developer Intern** (June 2022 - September 2022)
 - Acquiring knowledge of and utilizing React on industrial websites
 - Maintained energy and enthusiasm in a fast-paced environment.
 - Planned and developed interfaces that simplified overall management and offered ease of use.
 - Collaborated on stages of the systems development life cycle from requirement gathering to production releases.
 - Finally, I created a Traveling Website using React JS for a Client. Have understood real-world problems while making it and while deploying and testing it.
- **WorkFall - Cloud Computing Intern** (June 2022 - July 2022)
 - Understanding various AWS services and implementing them on EC2 and S3 Buckets.
 - Learned new skills and applied them to daily tasks to improve efficiency and productivity.
 - I also worked as a Front-End Developer for a Company's Website and have learned how websites work in the real world.
 - I used coordination and planning skills to achieve results according to schedule.
 - Finally, I created a Food Ordering Website using Angular JS and Hosted it on Amazon AWS (EC2 and S3 Buckets). After that, I worked on the Work Fall website for a few days to understand how Real Websites work.

TECHNICAL SKILLS

- **Data-Science Skills:** Machine Learning , Deep Learning.
- **Software-Development Skills:** Object Oriented Programming, Web Development.
- **Soft Skills:** Motivational Speaker, Team Player, Leadership, Research and Analysis, Critical Observation, Flexible and Adaptable, Typing.
- **Programming Languages:** C, C++ (Intermediate), Java (Intermediate), Python (Intermediate), HTML and CSS, JavaScript (Beginner), R-Programming Language (Intermediate), React (Beginner), Angular (Beginner), R Programming, LATEX (Beginner), SQL.
- **Tools Used/Known:** Tableau, Power BI, Excel, WordPress, Jira, G-Suite, MS Office, VS Code, SQL Server Management Studio, R-Studio, Apache Studio.

ACADEMIC PROJECTS

- **An Enhanced NLP detection for Spam Email Detection** (December 2022 - April 2023)
 - The Main Objective of this Project is to analyze whether an email is Spam or Ham Email. Here in this process, we have designed and implemented an effective model to detect Phishing in emails using NLP techniques. In this Project, we have also focused on the research areas of NLP-based phishing email detection, machine learning email phishing detection, text features in phishing emails, data sets, and resources used in phishing emails.
- **Automatic Severity Classification of Diabetic Retinopathy using CNN** (July 2022 - November 2022)
 - The Main Objective of this Project is to analyze a data-set that includes all DR symptoms to predict Diabetic Retinopathy in earlier stages. The suggested approach makes a substantial contribution by accurately classifying the degree of Diabetic Retinopathy severity while requiring less time and area complexity, making it a promising option for independent treatment.

TECHNICAL PROJECTS

- **Food Ordering Website using Angular**
 - Created a **Food Ordering Website** using Angular JS. Along with that, I also have Hosted my food Ordering Website on EC2 and S3 Buckets on **Amazon AWS**.
- **Face Recognition App**
 - Developed a **Face Recognition Application** using Python under Guvi Networks as a part of AI for India Event.

DATA ANALYST PROJECTS

- **Data Cleaning in SQL for Houses**
 - In this Project I took some of the information regarding Raw Housing data in the SQL Server to make it much more usable for Analysis and created some Basic Dashboards.
- **COVID-19 Data Exploration**
 - In this Project, I used the Data from OurWorldinData and cleaned, and analyzed the Data. Also, I have explored the Global COVID-19 Data and different Datasets in SQL Server. After that, I imported the Data from the SQL Server into Tableau and built some Visualizations and Dashboards, that will be helpful for the Real-World Scenarios.
- **Movie Correlation with Python**
 - In this Project, I used the Data from several movies and looked deeply into what are the different variables and scenarios that will affect the Gross revenue from Movies. Here I used Pandas to read the Data and looked for Missing Data, then cleaned the Data and finally found some correlations in the Data.
- **Excel, Tableau Individual Projects**
 - Also did an individual project in Excel and Tableau to check out the possibilities.

CERTIFICATIONS

- **"Neural Networks and Deep Learning"** at DeepLearning AI (Aug 2022 – Oct 2022)
- **"Java for Android"** at Vanderbilt University from Coursera (Feb 2022 – Apr 2022)
- **"Software Architecture"** at University of Alberta from Coursera (Sept 2021 – Oct 2021)
- **"Data Analysis with R Programming"** at Google from Coursera (Aug 2021 – Oct 2021)
- **"Introduction to R Programming for Data Science"** at IBM from Coursera (Aug 2021 – Oct 2021)
- **"Mathematical Foundations for Cryptography"** at University of Colorado from Coursera (June 2021 – Sept 2021)
- **"Data Structures"** at the University of California from Coursera (Oct 2020 – Dec 2020)
- **"Programming for Everybody: Getting started with Python"** at University of Michigan from EdX (July 2020 – Sept 2020)

PUBLICATIONS

- **COVID-19 Data Analytics using Hybrid ECNN and ERNN Techniques - IEEE Explore**
- **A Proficient and Secure way of Transmission using Cryptography and Steganography - IEEE Explore**
- **Design and Implementation of IoT-based Framework for Air Quality Sensing and Monitoring - IEEE Explore**

PATENTS

- **A Deep Learning-based Smart Surveillance System**
- **A Machine Learning Algorithm for Detecting Driver Drowsiness**

VOLUNTEERING

- **President and Core Member at Innovation Center, GITAM University, Hyderabad**
 - Have been an Active Member in IC and also have conducted many Talks related to Tech
 - Collaborating with students, recruiting them within the board, and guiding them in the Innovative Tech Projects
- **Student Representative at Disha Student Body at GITAM University, Hyderabad**
 - Suggested and organized events within the University.
 - Pep Talks to upcoming students regarding Committees and Activities within University.
 - Handled Note taking and Minutes of Meetings for all the meetings and events.