

Degree	Institute/Board	CGPA/Percentage	Year
Bachelor of Technology	Indian Institute of Technology (IIT), Ropar	6.67 (till 4th sem)	2022-Present
Higher Secondary	Naik College (Maharashtra Board)	80%	2022
Secondary	Saint Xaviers School (Maharashtra Board)	94.40%	2020

EXPERIENCE

- Data Analytics Intern

Sept 2024 - Nov 2024

Trainity

Remote

– Completed internship focused on data cleaning, transformation, and deriving insights from real-world datasets using Python, SQL, and Excel. Simulated data pipelines and ensured data quality for analysis. Gained exposure to data Analytics workflows, including pipeline simulation and ensuring data quality for analytics.
- Forage

Aug 2024 - Aug 2024

J.P Morgan SDE Job Simulation - Certification Program

Remote

– Set up a local dev environment by downloading the necessary files, tools and dependencies..

– Made an Open Source contribution by Fixing broken files in the repository to make web application output correctly.

– Used JPMorgan’s open-source library, Perspective, to create a live graph for traders to monitor data feeds visually.

PROJECTS

- Instagram User Analytics

SQL, MySQL Workbench

Github

– Analyzed Instagram user data using SQL to extract insights on user engagement, hashtag trends, and bot detection.

– Identified inactive users, top-performing users, and optimal days for ad campaign launches through structured querying.

– Delivered data-driven recommendations to support product, marketing, and investor strategies.
- GitHub File Upload and Download System

HTML, CSS, JavaScript, Node.js, Express.js

Application || Code

– Developed a web app enabling users to upload and download files directly to/from a GitHub repository via its API.

– Built frontend with HTML, CSS (Bootstrap) and JavaScript, Securely managed API Token using Environment Variables

– Utilized Node.js for server-side logic, Express.js for handling routes, Multer for file uploads, and Axios for HTTP requests.
- News Conspiracy Detection System

React.js, Flask, PostgreSQL, SQLAlchemy, Scikit-learn, NLTK, Axios

Github

– Built a full-stack web app to assign conspiracy scores (0–100%) to news headlines using an SVM-based ML model

– Created RESTful APIs for prediction and CRUD operations, and integrated them with a user-friendly React frontend

– Applied NLP techniques for misinformation detection and stored results in a structured database with admin controls.
- Implementation and Analysis of BPlus Trees

Data Structure Course Project

Visualization || Code

– Implemented the B+ tree data structure in C, covering insertion, deletion, and search operations.

– Explored key concepts, design, and performance, Evaluating search time complexity and and comparing it with B-trees.

– Conducted performance analysis, showcasing the advantages and limitations of using B+ trees
- Operation Analytics and Investigating Metric Spike

SQL, MySQL Workbench, MS-Excel

Github

– Conducted in-depth operational analytics using SQL to analyze job throughput, language share, and detect duplicate records

– Investigated metric spikes across user growth, engagement, and retention, uncovering anomalies and deriving actionable insights. Utilized techniques like rolling averages and device-wise segmentation to support data-driven decisions.

TECHNICAL SKILLS

- Languages and Frameworks: C/C++, Python, SQL, HTML/CSS, JavaScript, Node.js, Express.js, React, APIs
- Data Analytics & Visualization: : MySQL Workbench, Microsoft Excel, Pandas, NumPy, Matplotlib (Basics)
- Tools, Platforms and Operating Systems : Git, GitHub, AWS, Windows, Linux.

COURSES AND CERTIFICATIONS

- CSE & Maths: Data Structure & Algorithm (CS201), Machine Learning (CS503), Probability and Statistics (MA202), Foundations of Data Science (MA515), Analysis and Design of Algorithms (MA514)
- Data Analytics : 8 Weeks Data Analytics Specialization Training, Trainity, 21 Oct 2024

Certificate
- Web Development : The Complete Web Development Bootcamp, Dr. Angela Yu, Udemy, July 2024

Certificate
- DSA: Mastering Data Structures & Algorithms using C and C++, Abdul Bari, Udemy, Dec 2023

Certificate

POSITIONS OF RESPONSIBILITY

- Sponsorship Co-ordinator, Zeitgeist, IIT Ropar

Sept 2023 - Nov 2023

Collaborated with team members to secure sponsorships and partnerships to support the successful execution of the event.