

# AAKARSHIT SRIVASTAVA

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## Education

**Pranveer Singh Institute of Technology, Kanpur**

*B.Tech in Computer Science & Engineering*

**2021 - 2025**

*7.3/10 CGPA*

## Work Experience

**PSIT Research Department**

*Machine Learning Research Intern*

**January 2024 – March 2024**

*Remote*

- **Reinforcement Learning** used: **CloudSim** for Resource Energy Utilization Optimization, **Cloud Computing Algorithms and Data Analysis** for VM resource computation.
- Got mentorship of senior engineers and Professors from **Industry and National Institutes** and, I learned real world software development and learned about scalability.

**British Airways**

*Virtual Internship*

**December 2023 – February 2024**

*Work From Home*

- **Web Scraping** used: **Data Collection** for Customer reviews, **Data Cleaning Analysis** for **Machine Learning Models** to gain insights.
- It was incredibly useful to understand what it might be like to participate on a Data Science team at British Airways. I worked on a project where I analysed customer insights and built predictive model to understand factors that influence buying behaviour. I practiced my data analytics skills using a Jupyter Notebook and built my PowerPoint and communication skills by presenting insights a real-world context.

**Suvidha Inc**

*Machine Learning Intern*

**September 2023 – November 2023**

*Work From Home*

- **Day to Day** job: **Data Analysis** for Organisation database and provide a Visual Scraped Data, **Machine Learning models** for **customer** data predictions

## Projects

**Data Analyzer:**

[Source Code](#)

- The Data Analyzer software is a versatile tool designed to facilitate predictive analysis in medical contexts, image recognition tasks, and market price forecasting. To operate the software, users are required to ensure the installation of all requisite libraries and kernels, along with the availability of pertinent datasets.

**NewsAPI:**

[Source Code](#)

- This project aims to develop a cross-platform mobile application using Flutter that leverages the capabilities of the News API to provide users with real-time news updates. The Flutter framework allows for seamless development across iOS and Android platforms

**British Airways:**

[Source Code](#)

- Data Manipulation, Data Science, Data Visualisation, Machine Learning, PowerPoint, Python Web Scraping.

**CloudSim:**

[Source Code](#)

- Implemented and Integrated Machine Learning to the cloud simulation Framework to get optimum results

## Technical Skills

**Languages:** Python, Java, C++, C, Dart, R, JavaScript

**Backend:** Django, Node.js, Express.js, Flask

**Frontend:** WordPress, React, TailwindCSS, HTML, CSS, Bootstrap

**Clouds & Databases:** AWS, Azure, PostgreSQL, MongoDB

**Web Technologies:** Kubernetes, Docker, Socket.IO, Redis

**Developer Tools:** Postman, VS Code, GitHub, Xcode

## Algorithmic Competitions/Achievements

- Solved **400+** DSA problems from **Leetcode Problemset**, building problem solving skills.
- Rated **6 stars** in Problem Solving on [HackerRank](#) and [HackerEarth](#) platform.