

# AYAN SARDAR

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## PROFESSIONAL SUMMARY

Dedicated computer engineering student with hands-on experience in Python, MySQL, and other data analysis tools. Completed projects involving complex problem-solving and innovative solutions through active participation and solid analytical skills.

## EDUCATION

<b>Bachelor of Computer Engineering</b> , Trinity college of engineering and research SPPU affiliated Relevant Coursework: Data science, Data analytics, ML, Programming	2020-2024 8.81 CGPA
<b>HSC (12<sup>th</sup>)</b> , Nalanda English medium school CBSE board	2018 – 2020 7.62 CGPA
<b>SSC (10<sup>th</sup>)</b> , Glory English medium school CBSE board	2017 – 2018 9.2 CGPA

## SKILLS

<b>Programming Language</b>	Python
<b>Database</b>	MySQL, SQL
<b>Computer Vision</b>	OpenCV
<b>Cloud Service</b>	Microsoft Azure
<b>Data Science</b>	
AI Technologies	Machine learning (ML), Deep learning (basics), NLP (basics)
<b>Data Analytics</b>	
Analytical Tools	Pandas, NumPy, Matplotlib, Power BI, MS Excel, scikit learn, TensorFlow, STATISTICS, MATLAB (basics)
<b>Project Management</b>	Jira
<b>Web Scrapping</b>	Beautiful Soup, Selenium

## PROJECTS

- **Spider AI.** built a voice-controlled AI assistant like Jarvis from Iron Man using Python. This tool can handle different jobs based on spoken instructions with 90% accuracy. (Available on GitHub)
- **Cloth review prediction.** Women Cloth Review in “machine learning” using classification model, to determine the Rating based in review text.
- **Car mileage prediction.** a car mileage predictor model with 87% accuracy rate that will apply machine learning regression techniques to predict mileage based on various specifications of a car.
- **Dashboard Creation.** Created an interactive e-commerce dashboard using Power BI for a retail store, providing insights with visualizations and data analysis driving business decisions.
- **Sales analysis.** Used Pandas and Matplotlib/Seaborn for visualizing trends and patterns in sales data from a shop. EDA to identify insights that would inform business strategy.
- **Web scrapping.** Scrapped Flipkart mobile data for about 10 to 15 pages using Beautiful Soup auto scrapping And used pandas' data frame also stored in csv file format for further analysis.
- Developed a personalized AI-based e-learning platform that adapts teaching materials to each student's

unique way of learning. It uses ML techniques to boost users' engagement and their learn capability.

## **Experience and Internship**

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- Gained 3 months of hands-on experience as a Data Analyst in the Strategy Team at NoBroker.com (Oct 2024 – Jan 2025), analyzing business data to drive strategic decisions.
- Worked on data-driven insights, reporting, and process optimization to enhance operational efficiency and business performance.
- Completed Internship under YBI Foundation (an online platform), where I worked on several machine learning projects, such as servo prediction and admission probability prediction. The internship lasted for 1 month, from 13/04/2023 to 13/05/2023.
- Participated in an offline internship at a non-tech company, Convertex India Pvt. Ltd. where I worked on improving my communication skills and gained experience with various data analysis tools like MS Excel, ERP tools, and email handling.

## **Courses and Certifications**

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- Data Science with Python career program course from Skill Academy by Testbook (OCT 2023 – SEP 2024).
- Data Science batch 1 “certificate from 5 minutes engineering”.
- Data analytics certification “from LearnTube by CareerNinja”.
- Udemey data analyst certificate.
- Udemey Power BI course certificate.
- Python programming language certificate “from Disha Academy”.
- “NASSCOM certified futureskills prime” software programmer python certificate.
- MATLAB professional course.
- DSA course certificate from YouTube channel.
- Digital 101 journey certificates.

## **EXTRA-CURRICULAR ACTIVITIES**

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- BETSOL certification of participation, Topic: How to be industry ready?
- BGMI gaming champion intra college tournament. (Two times)
- YouTube animated video creation.