

Shubham Joshi

Portfolio: Shubham-portfolio.com

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EDUCATION

- **Indian Institute of Information Technology** Jabalpur, India
Bachelor of Technology : CGPA: 8.2 Dec 2021 - May 2025
Courses: Data Structures, Product Management
- **St. Lawrence Public School** Aurangabad, India
12th : Percentage: 93.5% May 2019 - May 2021

SKILLS

- **Languages:** Python, SQL, Matlab, DAX
- **Frameworks:** Tensorflow, Keras, Scikit Learn, Natural Language Toolkit, Stats Model, Machine Learning
- **Libraries:** NumPy, Pandas, Matplotlib, Plotly, Seaborn, Librosa
- **Tools:** Jupyter Notebook, Vscode, PowerBi, GIT, GitHub, Tableau, Canva, MS Office
- **Database:** MySQL, PostgreSQL
- **Product:** Data Visualization and Analysis, Business Analytics, Data Science
- **Soft Skills:** Communication, Presentation, Analytical Thinking, Problem Solving, Leadership, Time Management

EXPERIENCE

- **CSIR-National Aerospace Laboratories** Bengaluru
Research and Development Intern June 2023 - July 2023
 - **Development:** Led the development of the Gimbal used in UAVs for object detection and surveillance, focusing on Gimbal development and design and **100-plus** data collection in Microsoft EXCEL.
 - **Innovations at CSIR-NAL:** Led intricate research on fixed-wing and rotary UAVs, utilizing data-driven methodologies to drive significant advancements in aircraft innovations. This research contributed to a **20% improvement** in aircraft performance.
- **Personify (Microsoft Azure)** Remote
Data Science Intern Nov 2022 - Jan 2023
 - **Proficient Data Scientist:** Over a 3-month internship, honed skills in Python (Pandas, Sklearn), Azure, statistical analysis, machine learning models, and Tableau to drive data-driven solutions and insights.
 - **Impactful Projects:** Created a Python-based chatbot for online pizza delivery, leveraging cutting-edge libraries like Keras, TensorFlow, and Matplotlib; increased customer engagement by **40%** and reduced order processing time by **25%**.

PROJECTS

- **Extracting User Journey Data:** Engineered a robust **SQL** solution to aggregate user journey data for an online subscription platform; compiled page sequences for purchasers, boosting data processing efficiency by 40% and enabling granular behavior analysis.
- **Customer Engagement-Analysis:** Led a project using SQL and Tableau to create a 3-page dashboard with 15+ visualizations, analyzing course popularity, registration rates, and student engagement. Provided insights to enhance product management strategies. Techstack : **SQL, Tableau, Data Visualization, Business Analysis**
- **User Classification:** Engineered and fine-tuned machine learning models in Python, utilizing libraries such as scikit-learn, pandas, and numpy; predicted student upgrades on an educational platform, increasing upgrade rate by 25% within 6 months.. Tech stack includes **pandas, scikit-learn, statsmodels, numpy, matplotlib, seaborn**

ACHIEVEMENTS

- **AIR 1:** Achieved **1st position in Aerodynamic Analysis** at Drone Development Challenge 2023 among 50 teams.
- **Jenesys Scholar:** Chosen as Jenesys Ambassador & awarded Jenesys Scholarship for **Japan-Asia student** exchange.
- **AIR 3:** Achieved **3rd** place at EV Designare electric vehicle design competition organized by **IIT Kharagpur**.
- **MCM Scholar:** Winner of **MCM Scholar Award** for securing top CGPA of **8.3** at IIITDM Jabalpur.
- **SQL Gold Badge:** Solved more than 150 sql questions on recognised platforms like hackerrank and Leetcode .

CERTIFICATIONS

- **Microsoft Azure AI Fundamentals 900** Dec 2022
Scored 889 marks out of 1000
- **AFS Global Competence Certificate** Feb 2024
Earned skills in intercultural theories, self-awareness, and effective cross-cultural interaction.

VOLUNTARY EXPERIENCE

- **Jenesys Group Leader** Japan
*Managed a group of 30 people in Japan and also acted as Indian Ambassador in meetings with **MOFA**.*
- **AeroFabrication Club Finance Team Lead** IIITDMJ
*Managed annual budget of **Rs 1 lakh** and led fundraising securing **Rs 75K** in sponsorships*