

Tanish

+91-8198900330

tanish0829@gmail.com

LinkedIn: [tanish2909](#)

Third Year,
B.Tech., Mechanical Engineering
Punjab Engineering College,
Chandigarh

Quick learner, team player, dependable problem solver. Seeking opportunities to excel my skills. Leveraging **AI tools** to enhance reach and adapt to evolving trends

Skills

OS

Windows, Mac

LANGUAGES

Python, HTML, CSS, JavaScript,
C++

OTHERS

Excel, SQL, PowerBI, AutoCAD,
Git, Adobe Photoshop, Figma

Key Courses

Frontend Development
AI and ML for Engineers

Education

2022-2026

B. TECH, MECHANICAL
PEC Chandigarh

CGPA: 7.35/10

2020-2021

Secondary School
(Class – 12th)
Springfields Public School

Percentage: 91.5%

2018-2019

High School
(Class – 10th)
Springfields Public School

Percentage: 94.6%

Awards

BITS APOGEE-2024

BITS Pilani

Micromouse Event:

(Secured 2nd position)

Hover-a-boat Event:

(Secured 3rd position)

Relevant Projects

MICROMOUSE

- Developed algorithms for maze-solving, including **flood-fill** and **wall-following** techniques.
- Programmed the robot using **C++** and **Python** for efficient pathfinding and **obstacle detection**.
- Assembled hardware components, including sensors, motors, and microcontrollers.

SENTIMENT ANALYSIS

- Conducted sentiment analysis on **25,000 movie reviews** from Stanford AI using Python in **Jupyter Notebook**.
- Utilized Python libraries (**NumPy**, **Pandas**, **Scikit-learn**, **NLTK**, **Seaborn**) for data preprocessing, text cleaning, and implementing machine learning models.
- Developed and optimized a **Support Vector Classifier (SVC)** to achieve high accuracy and F1 score.
- Visualized evaluation metrics using a **confusion matrix** for comprehensive performance analysis.

PORTFOLIO WEBSITE

- GitHub Repository:** [Portfolio](#) | **Live Link:** [GitHub Pages](#)
- Conceptualized and designed a personal **portfolio website** to showcase skills, projects, and achievements.
- Implemented a sleek, user-friendly interface with **responsive** design to ensure seamless functionality across devices.
- Published the website on **GitHub Pages**, ensuring easy accessibility and professional presentation.

Extra-Curricular Activities

- Assisted Marketing Subheads during EIC Summit 2022, contributing to strategic event marketing.
- Managed hospitality operations as Subhead for ORIENTATION 2023, ensuring seamless event coordination.
- Enhanced event branding as a member of the PECFEST Publicity.
- Engaged in sales, marketing, and graphic design initiatives as an active EIC Club member.