

# Tanish

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

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

## Skills

OS  
Windows, Mac

LANGUAGES  
Python, HTML, CSS, JavaScript

OTHERS  
Node.js, Express.js, MongoDB,  
Git, GitHub

## Key Courses

Full Stack Development  
MERN Stack  
AI and ML for Engineers

## Certifications

Web Development Bootcamp

## Education

2022-2026  
B.TECH, Mechanical  
PEC Chandigarh  
**CGPA: 7.56/10**

2020-2021  
Secondary School  
(Class – 12<sup>th</sup>)  
Springfields Public School  
**Percentage: 92%**

2018-2019  
High School  
(Class – 10<sup>th</sup>)  
Springfields Public School  
**Percentage: 94.6%**

## Professional Experience

**JINDAL STAINLESS LTD.** (Optimization Analyst Intern)

Feb'25–June'25

- Reduced mechanical defects (scratches, dents) in CRAP-AP4 line by improving roller selection in the annealing furnace, evaluating fibre, metallic, and **ceramic alternatives**.
- Performed time–motion study of recoiler sleeve loading process; identified delays and introduced **parallel task execution, achieving ~10% cycle time reduction without capital investment**.
- Collaborated with CRD3 operations team to align process improvements with lean manufacturing principles.

## Relevant Projects

**RETROPORT** – (Link: [RetroPort](#))

(HTML, CSS, Vanilla JS, Express.js, Node.js, JWT, MongoDB, Spotify Web API)

- Built a retro-themed personal portfolio with **real-time Spotify** “Now Playing” integration, dynamic status logs, and **MongoDB Atlas storage**.
- Developed a secure backend for **API token refresh**, content updates, and **JWT-based admin authentication**.
- Made an engaging CRT-style UI with pixel fonts, neon effects, GIF animations, and interactive hover transitions.

**PRODUCTIVITY DASHBOARD** – (Link: [PersonalDashboard](#))

(HTML, CSS, JavaScript, DOM Manipulation, Weather API, Local Storage)

- Created a **multi-feature dashboard** with **weather tracking**, to-do list management, daily planner, motivational quotes, and Pomodoro timer.
- Integrated **Weather API with geolocation** and **local Storage caching** and Implemented persistent to-do and planner with priority marking.
- Designed a **modular card-based UI** with custom typography, hover animations, and button shadow effects for an interactive experience.

## 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.