

# Tanish Poddar

+91 8595540122 [tanishpoddar.18@gmail.com](mailto:tanishpoddar.18@gmail.com) [GitHub](#) [LinkedIn](#) [Portfolio](#)

## Professional Summary

Results-oriented Full Stack Developer and Python/Kotlin Engineer with a track record of building scalable, efficient systems. Finalist in national hackathons, passionate about solving real-world problems using modern frameworks. Strong communicator and team player with deep hands-on experience in web, app, and backend development.

## Skills

**Languages:** Python, Kotlin, JavaScript, Java, TypeScript  
**Frameworks:** React, Node.js, Express, Streamlit, Flask, Next.js  
**Databases:** MySQL, MongoDB, SQLite3  
**Tools:** Git, Docker, OpenCV, Mediapipe, TensorFlow  
**Soft Skills:** Leadership, Public Speaking, Mentorship, Agile

## Projects

### Moodify – Emotion-Based Music Recommender

*Tech: TypeScript, Next.js, GenKit*

- Built an AI-driven music recommendation system that interprets user emotions from text input.
- Enabled genre customisation and real-time playlist generation with a sleek, modern UI.
- Delivered responsive design and seamless UX across devices with Next.js.

### NeuralNexus – AI-Powered Chatbot

*Tech: Python, TensorFlow, NLP*

- Developed a neural network chatbot with natural language understanding and contextual memory.
- Integrated modern UI with animations for a visually engaging conversation interface.
- Delivered real-time, intelligent responses with TensorFlow-based inference engine.

### EventFlow – Event Management Platform

*Tech: Flask, MySQL*

- Built a full-featured platform for attendees and organisers with an authentication and ticketing system.
- Implemented dashboards for event stats, order overview, and venue/speaker management.
- Enhanced event lifecycle with full CRUD for events, tickets, and users.

### LogiTrack – Inventory Management System

*Tech: Python, Streamlit, MySQL*

- Increased warehouse efficiency by 40% through real-time dashboards and optimisation algorithms.
- Reduced order fulfilment errors by 30% with automated allocation and analytics tools.

### PosturePro – Real-time Ergonomic Correction Tool

*Tech: Python, Streamlit, OpenCV, Mediapipe*

- Achieved 90% reduction in ergonomic issues using real-time posture tracking and correction.
- Boosted user productivity by 20% through a continuous feedback interface.

### Aegis Shell – Smart Developer Shell (In Progress)

*Tech: Python, Windows Batch, LLM APIs*

- Reduced developer setup time by 70% via automated environment configuration.
- Integrated AI-powered fallback system for command errors and context-aware fixes.

## Experience

### Core Team Member – Networking Nexus Club

*2024 – Present*

- Led IoT workshops for 120+ students, increasing club engagement and revenue by 15%.
- Mentored 10+ members in project development and team collaboration.

## Education

### B.Tech in Computer Science Engineering

*2023–2027*

SRM Institute of Science and Technology, Kattankulathur

### High School (Science + Computer Science)

*2011–2023*

Mother's Global School, New Delhi

## Awards & Achievements

- HackSummit 4.0 Finalist – Top 10/150+ teams
- 3rd Place – DayZero Hackathon, CodeNex SRMIST
- Smart India Hackathon Finalist (Internal)
- PosturePro showcased to 200+ attendees, 95% positive feedback