TANISH PODDAR

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Summary

Full-stack engineer who ships end-to-end systems fast: clean backend APIs, efficient data flows, and polished interfaces. Leverages AI to architect, debug, and iterate faster without compromising reliability. Delivers production features, improves developer workflows, and leads technical initiatives.

Skills

Languages: Python, JavaScript, TypeScript, Kotlin
Frontend: Next.js, React, Tailwind
Backend: Django REST Framework, Node.js, Express, Flask
Databases: MySQL, Firebase, MongoDB, PostgreSQL
AI / Systems: OpenCV, Mediapipe, LLM Integration, NumPy, Matplotlib, GenAI
Tools: Git, Linux, Vercel, Render, Shell Scripting, Docker (basic)
Soft Skills: Problem Solving, System Design Thinking, Technical Communication, Rapid Prototyping, Team Collaboration, Leadership

Experience

SDE Intern — DeskOS *Remote — Aug 2025 – Sep 2025*
Developed and deployed WhatsApp-based visitor/guest notifications using Django REST + Sensy API.
Streamlined admin approvals, cutting manual coordination from **4–6 minutes to ¡30 seconds**.
System sustained ∼**2,000+ notifications/day** with ¿**98%** delivery reliability across arrival, invite, and kiosk events.

Next.js Developer — LinksUs *Remote — Jul 2025 – Sep 2025*
Improved onboarding and dashboard responsiveness by **35–40%** via component restructuring and state refinement.
Enhanced form/table interaction smoothness by **up to 50%**; introduced reusable component patterns to speed future rollout.

General Secretary — Networking Nexus (SRMIST) *2024 – Aug 2025*
Directed the technical roadmap for a **200+ member** computing community.
Organized IoT/system workshops attended by **120+ students**, increasing recurring participation by ∼**15%**.
Mentored **10+** junior developers on version control, PR reviews, and deployment practices.

Captain — AWS Cloud Club (SRMIST) *Nov 2025 – Present*
Transitioned **CloudX** into the officially recognized **AWS Cloud Club**; formalized charter and launch operations.
Ran the **AWS Ascend** initiative; currently managing hands-on labs, certification prep, and deployment demos with AWS community speakers.

Projects

SeatFinderSRM — Real-Time Seat Scheduling *Next.js, Firebase, Cloud Functions*
Implemented real-time seat occupancy syncing with Firestore listeners and serverless triggers; designed UI for low-latency concurrent use.

LogiTrack — Inventory Workflow Dashboard *Python, Streamlit, MySQL*
Automated stock/dispatch workflows and centralized analytics; reduced manual record lookup and sped up operational decisions.

PosturePro — Real-Time Ergonomic Correction *Python, OpenCV, Mediapipe*
Applied pose estimation to detect posture deviations and deliver corrective cues; enabled continuous monitoring with real-time feedback.

Aegis Shell — AI-Accelerated Dev Setup *Python, Shell, LLM APIs*
Automates dependency install and environment recovery across OSes; cut new developer setup time by ∼**70%** and reduced onboarding friction.

Moodify — Emotion-Based Music Recommender *Next.js, GenAI APIs, Vercel*
Generates playlists from mood-inferred input; responsive UI tuned for instant genre transitions and seamless state changes.

Education

SRM Institute of Science and Technology, Kattankulathur Kattankulathur, India
B.Tech in Computer Science Engineering *2023 – 2027*
Relevant Coursework: Data Structures, Algorithms, DBMS, Operating Systems

Mother's Global School New Delhi, India
High School (PCM & Computer Science) *2011 – 2023*

Certifications

Accelerated Computer Science Fundamentals — University of Illinois Urbana-Champaign (2024)
Cybersecurity for Everyone — University of Maryland (2024)
AWS Academy Cloud Foundations — Amazon Web Services (2023)

Languages

English (Professional Proficiency)   —   Hindi (Native)