

# Tanish Poddar

## ABOUT ME

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I am a second-year B.Tech Computer Science Engineering student at SRM Institute of Science and Technology, Kattankulathur. I have a strong foundation in web development, Android app development using Kotlin, and graphic designing. I am passionate about leveraging my technical skills to solve real-world problems and create innovative solutions.

## EDUCATION

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<b>SRM Institute of Science and Technology, KTR</b> <i>B.Tech in Computer Science Engineering</i>	Kattankulathur, India 2023 – 2027
<ul style="list-style-type: none"><li>Relevant coursework: Data Structures, Algorithms, Database Management Systems, Operating Systems</li></ul>	
<b>Mother's Global School</b> <i>High School, Science with Computer Science</i>	New Delhi, India 2011 – 2023

## CERTIFICATIONS

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<b>Accelerated Computer Science Fundamentals</b> <i>University of Illinois Urbana-Champaign</i>	Apr. 2024
<b>Cybersecurity for Everyone</b> <i>University of Maryland</i>	Feb. 2024
<b>AWS Academy Cloud Foundations</b> <i>Amazon Web Services</i>	Sep. 2023

## EXPERIENCE

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<b>Core Team Member, Networking Nexus Club</b> <i>SRM Institute of Science and Technology</i>	2024 – Present Kattankulathur, India
<ul style="list-style-type: none"><li>Organized an IoT workshop attended by over <b>120 participants</b>, generating 15% growth in club revenue.</li><li>Collaborated with <b>6 cross-functional teams</b> to execute industry and departmental projects successfully.</li><li>Increased project success rate by <b>25%</b> by streamlining workflows and integrating advanced IoT tools.</li><li>Led and mentored a team of <b>10 students</b>, enhancing technical expertise and ensuring timely project delivery.</li><li>Partnered with faculty and industry professionals to deliver high-impact training sessions and workshops.</li></ul>	

## PROJECTS

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### PosturePro

- Achieved a 90% reduction in ergonomic issues for users by providing instant posture feedback.
- Improved user productivity by 20% through continuous real-time posture correction.
- Developed a system leveraging Python, Mediapipe, and OpenCV for posture analysis.
- Integrated Streamlit for creating an interactive user interface and real-time data visualization.

### Verschlussel-Entschlüssel

- Increased security of text-based communication with a user-friendly encryption and decryption tool.
- Streamlined secure text encoding for non-technical users, boosting usage by 35%.
- Built a GUI using Python and Tkinter, ensuring ease of use and intuitive navigation.
- Deployed a Streamlit-based web application for text encryption and decryption.

### Celestial Weather App

- Provided accurate weather forecasts to over 100 users with real-time data integration.
- Achieved high user engagement by delivering fast, responsive weather updates.
- Implemented weather data retrieval using OpenWeatherMap API.
- Built the interface with HTML, CSS, and JavaScript for optimal user experience.

### ShareAcademia

- Enhanced student academic data management, reducing processing time by 50%.
- Improved accuracy in attendance and GPA calculations by automating manual processes.
- Developed the backend with Java and JDBC for database integration.
- Built an intuitive GUI using Java Swing, ensuring easy data entry and reporting.

## SKILLS

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**Programming Languages:** Python, Java, Kotlin, JavaScript, HTML5, CSS3

**Frameworks:** React, Node.js, Express.js, Bootstrap

**Databases:** MongoDB, MySQL

**Tools:** Git, Streamlit

**Other Skills:** Web Development, Android App Development, Graphic Design

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