


# ANKIT PATIL

Mechanical Engineer

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**R. C. Patel Institute Of Technology, Shirpur**

*B.Tech - CGPA – 6.6*

**2022 – 2026**

*Shirpur, Maharashtra*

**R. C. Patel Junior College, Shirpur**

*Class XII - Percentage – 87.67%*

**2020 – 2022**

*Shirpur, Maharashtra*

**R. C. Patel Secondary School, Shirpur**

*Class X - Percentage – 93.40%*

**2020**

*Shirpur, Maharashtra*

## INTERNSHIPS

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**Tata Autocomp System Pvt. Ltd.** 

**Jan 2026 - present**

*SCM Intern*

*Sanand, Gujrat*

- Worked in Supply Chain Management (SCM) operations
- Used SAP software for material tracking and stock monitoring
- Coordinated material flow and dispatch activities
- Assisted in inventory management and production support
- Maintained operational reports using MS Excel and SAP

**Shri Die Works, Nashik** 

**June 2024 – August 2024**

*Design Intern*

*Nashik, Maharashtra*

- Worked on industrial designing and automation processes
- Assisted in machine design and basic automation tasks
- Gained practical knowledge of manufacturing operations
- Worked with design tools and production-related activities

## PROJECTS

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**Smart Material Handling System**  / Automation Project

**2026**

- Developed AGV-based material handling system using automation and motor control
- Integrated Arduino/ESP32, sensors, and mechanical components for efficient material movement
- Built real-time tracking system for AGV operations and material flow

**Smart Blind Stick**  / Embedded & Automation Project

**2024**

- Developed smart blind stick using Arduino, ultrasonic sensors, and GPS technology
- Implemented obstacle detection, navigation assistance, and emergency alert system
- Integrated voice and vibration feedback for improved user safety and accessibility

## TECHNICAL SKILLS

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**Design Tools:** AutoCAD, Fusion 360, ANSYS

**Technical Skills:** Automation & Robotics, Embedded Systems, Arduino/ESP32, SAP MM Basics

**Manufacturing Knowledge:** Production Processes, Material Handling, SCM Operations

**Software:** SAP, MS Excel, MS Word, Java Programming

**Languages:** English, Hindi, German (A1 Level)

## CERTIFICATIONS

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- Core Java & Advanced Java Training – R3 System India Pvt. Ltd.
- Innovation, Design & Entrepreneurship (IDE) Bootcamp – AICTE-MoE
- German Language Certification (A1 Level).