

# MOHIT PATEL

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## Career Objective

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Detail-oriented and innovation-driven Computer Engineering student with a strong foundation in programming, machine learning, and software development. Passionate about AI and problem-solving, seeking opportunities in technical roles to contribute to impactful projects and advance my skills in collaborative environments.

### Education

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#### **Vishwakarma University, Pune**

BTech in Computer Engineering (2022 - 2026)

CGPA - 8.24

#### **Arham Junior College, Pune**

12<sup>th</sup> Science (2020 - 2022)

### Technical Skills

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- **Languages:** C, C++, Python, SQL
- **SAP Technologies:** SAP ABAP, SAP Fiori, SAP HANA.
- **ABAP Skills:** RICEF (Reports, Interfaces, Conversions, Enhancements, Forms), ALV Reports, BAPI, Data Dictionary, SmartForms, Debugging.
- **Fiori/Web:** SAPUI5, HTML5, CSS, JavaScript, XML, JSON.
- **Tools & Platforms:** SAP, VS Code, GitHub, Power BI, StarUML, Eclipse (ADT), Adobe Life Cycle.
- **Technologies:** IoT, Prompt Engineering
- **Libraries & Frameworks:** TensorFlow, Keras, NLTK, OpenCV, NumPy, Pandas, Scikit-learn.

### Projects

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- **Sentiment Analysis using RoBERTa** – Developed a sentiment classifier using RoBERTa NLP model with 91% accuracy on movie reviews (Positive/Neutral/Negative).
- **Automated Irrigation System (IoT + AI)** – Used MobileNet CNN and ESP32-CAM to classify crops and automate irrigation based on moisture and weather data.
- **IoT-Based Energy Optimization System** – Designed a smart classroom system using Raspberry Pi and ML to detect human presence and control electrical devices efficiently.
- **Brute Force Attack Simulator** – Developed a Python tool to demonstrate ethical hacking via brute-force login attacks for security testing demos.
- **Java Attendance Management System** – Created a Java Swing + MySQL desktop app to manage and track student attendance with GUI.
- **Minesweeper Game (C)** – Implemented classic Minesweeper logic using linked lists and terminal interface with focus on data structures.
- **Inventory Management System (C)** – Developed a terminal-based inventory tool using linked lists for a stationery shop with full CRUD operations.

### Skills

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- **Personal Skills:** Communication Skills, Management Skills, Financial Skills.
- **Certificates:** <https://github.com/MOHIT-M-PATEL/Certificates.git>
- **Languages:** English, Hindi, Marathi, Gujarati
- **Hobbies:** Puzzle Solving, Billiards (8-Ball Pool), Snooker.

### Experience

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- **Co-Secretary, Finance Wing –**  
Student Council, VU
- **Organizer,** University-wide Quiz Competition