PRACHI PATIL

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SUMMARY

Second-year B.Tech Information Technology student with strong academic performance (CGPA 9.73) and focused interest in Software Development. Skilled in C, C++, Python, and Data Structures & Algorithms, with hands-on experience building problem-driven projects. Actively preparing for SDE internships through consistent coding and problem solving.

EDUCATION

B.Tech – Information Technology, JSPM's Rajarshri Shahu College of Engineering, Pune
Savitribai Phule Pune University | 2024 – 2028 | CGPA: 9.73 / 10

Class XII (HSC) – 74%, Vidhyadham Junior College, Aurangabad
MHT-CET: 96.09 %ile | JEE: 89 %ile

Diploma in Programming – MKCL (Maharashtra Knowledge Corporation Ltd.)

Class X (SSC) – 96%, Sharda Mandir Girls High School, Aurangabad

TECHNICAL SKILLS

Programming Languages: C, C++, Python
Data Structures & Algorithms: Arrays, Strings, Sorting, Hashing, Linked List, Stack, Queue, Two Pointers
Core Concepts: Object-Oriented Programming, Operating Systems, Computer Networks, Problem Solving
Web Technologies: HTML, CSS, JavaScript
Tools & Platforms: Git, GitHub, VS Code, Jupyter
Additional Skills: UI/UX Design (Certified), Graphic Design, Content Writing

PROJECTS

Ikigai-Based Mental Health & Productivity Correlator
• Built a web application prototype to analyze lifestyle patterns and correlate stress and productivity indicators
• Focused on early burnout detection and study-life balance
• Tech: HTML, CSS, JavaScript, Flask (Python), REST APIs, Pandas, Scikit-learn | Code: GitHub

Smart Traffic Management System (SIH-Selected Project)
• Designed an AI-driven dynamic traffic management system for Urban area
• Improved congestion handling and emergency vehicle prioritization
• Tech: Python, Computer Vision (YOLO), System Design | Code: GitHub

EXPERIENCE & LEADERSHIP

- Google Developer Group (GDG) on Campus – RSCOE, Pune
  Co-Lead, Public Relations (Oct 2025 – Present); Content Team Member (Oct 2024 – Oct 2025)
- SAInT – Students Association of Information Technology Department – Member (Aug 2025 – Present)
- Training & Placement Coordinator – JSPM RSCOE

ACHIEVEMENTS

- Selected at college level for Smart India Hackathon (SIH)
- Competitive programmer on CodeChef with a current rating of ~1175 (5+ rated contests)