

HARSHIL PATEL

Course: Bachelor of Engineering in Information Technology

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SUMMARY

Harshil Patel is a fresher who recently pursued his Bachelor of Engineering in Information Technology from Shah and Anchor Kutchhi Engineering College, he is an ambitious person who has developed a mature and responsible approach to any task that is assigned to him. His Final Year Project was on 'Analysis and Prediction of Air Quality Index in India' in Python and Machine Learning. He has worked on a major internship project on Watershed Management for The Art of Living Foundation. He has also worked on many projects namely Smart Heart Rate Monitoring System, Diabetes Prediction and Car Rental Management throughout the course and Amazon Bot as a personal project. He has become more confident and developed management, communication and problem-solving skills. He has also learned the importance of applying a strategic approach to modern-day projects.

KEY SKILLS

- **Technical:** Python, Core JAVA, Flutter (Dart), HTML, CSS, JavaScript, C, C++, PHP, Firebase Database, SQL, Tableau, Microsoft Excel.
- **Functional:** Time management skills, Teamwork & collaboration, Problem solving skills, Creative thinking, Strong analytical skills.

EDUCATION

- Bachelor of Engineering in Information Technology with CGPA – 8.05
- HSC in **Computer Science** with 78.15%
- SSC with 87.8%

INTERNSHIP

Name of Organization: The Art of Living Foundation (International Association for Human Values)

Name of the Project: Watershed Management in Maharashtra

Project Description: The Scope of this project is to provide a Mobile Application to the NGO for the Watershed Management Project which aims for a sustainable distribution of the water resources, thus increasing agricultural yield on farms and ameliorate the problems of drought in Maharashtra. The Application is used by the administration to track and manage ongoing projects and is mainly used by Project Managers, Supervisors and Workers. The application also enables public users to view ongoing projects in real-time using Heat-map, provide feedback and make donations securely. This application supports different languages including English, Hindi and Marathi.

Role: Application Developer

Software/ Languages: Dart

Special Tools: Flutter, Firebase

PUBLICATIONS AND ACHIEVEMENTS

- Harshil Patel, Usashi Roy, Tushar Gada, "Analysis and Prediction of Air Quality in India", International Research Journal of Engineering and Technology(IRJET), May 2022, Volume-9, Issue-5
- Watershed Management Project Completion Certificate (Phase 1 & 2) in 2020.
- Harshil Patel, Usashi Roy, Vidhi Shah, "Smart Heart Rate Monitoring System Using Arduino Uno", Journal of Advances in Electrical Devices, 2020; Volume-5, Issue-3: 12-18
- Shah and Anchor Kutchhi Engineering College, Speakers' club Event Host 2018-2019.
- International French Language Olympiad in 2015.