

Pratik Shastrakar

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🎓 EDUCATION

B.E. in Electronics Engineering,
Shri Ramdeobaba College of Engineering and Management ✍
2023 | Nagpur, India
CGPA: 8.91/10 (Present)

Diploma in Electronics & Telecommunication Engineering,
Government Polytechnic Nagpur ✍
2020 | Nagpur, India
Percentage: 86.25%

Secondary School,
Sri Guru Harkrishan Public School
2017 | Nagpur, India
CGPA: 9.2/10

🧠 SKILLS

C, C++, Python, Kotlin, XML, Android Development

📜 CERTIFICATES

- Hackerrank Problem Solving ✍
- Machine Learning Foundations ✍

💼 EXPERIENCE

Research Intern,
Shri Ramdeobaba College of Engineering and Management
08/2021 – Present | Nagpur

- AI-powered Smart Hydroponics-based farming system using **IoT**.
- Growing crops without using soil, tracking & controlling the Trajectory of plant growth by **Artificial Intelligence**.

📁 PROJECTS

GUI based YouTube Video Downloader ✍
09/2021

- This is a basic GUI based python code that downloads any YouTube video in multiple Resolution
- Made in **Python**, **Tkinter** GUI used, Ytube module.

Bluetooth controlled Smart Car
11/2019 – 01/2020

- Assembled a car 4WD I, controlled via Android phone using an app
- Used **Arduino UNO**, interfaced with motor controller **HC-05**, and Bluetooth transceiver
- The car automatically stops if obstacles appear in front using an **Ultrasonic sensor**

🏆 ACHIEVEMENT

Inter College code Debugger Competition, Ranked 1st
5 Star at HackerRank (C++)