

Pratik Shastrakar

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🎓 EDUCATION

B.E. in Electronics Engineering,
Shri Ramdeobaba College of Engineering and Management ✎

2020 – 2023 | Nagpur

CGPA: 8.78/10 (Present)

Diploma in Electronics & Telecommunication Engineering,
Government Polytechnic Nagpur ✎

2017 – 2020 | Nagpur

Percentage: 86.25%

Secondary School,
Sri Guru Harkrishan Public School

2017 | Nagpur, MH, India

CGPA: 9.2/10

🧠 SKILLS

Languages : C, C++, Python, Javascript.

Databases : SQL, MongoDB.

Frameworks : React.js, Node.js, MERN Stack, HTML/CSS, GitHub.

Others : Data Structure & Algorithms, OOPS, DBMS.

📜 CERTIFICATES

- Hackerrank Problem Solving ✎
- Android App Development ✎
- 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 the Trajectory of plant growth by **Artificial Intelligence**.
- Used **OpenCV** for vision analysis & processing
- Tech Used - Python, OpenCV, AI,

📁 PROJECTS

Fully Responsive Personal Portfolio

Github ✎ Hosted ✎

- **React.js** and **Node.js** were used to create a fully responsive multi-page website with elegant animations.
- Styled with **React-Bootstrap** and **CSS** for an easy-to-customize style.
- Hosting my resume and my other projects.

The tech stack used: **React.js, Node.js, Express.js, CSS3.**

GUI based YouTube Video Downloader ✎

- 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

- Assembled a 4WD car l, 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++)