Pratik Prakash Shastrakar

📞 +91 8668951672   ✉ shastrkarp@rknec.edu   in LinkedIn   ○ Github   ⌀ LeetCode

🎓 EDUCATION

Shri Ramdeobaba College of Engineering and Management,
B.E. in Electronics Engineering ⌇
2020 – 2023 | Nagpur
CGPA: 8.64/10 (Present)

Government Polytechnic Nagpur,
Diploma in Electronics & Telecommunication Engineering ⌇
2017 – 2020 | Nagpur
Percentage: 86.60%

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

🧠 SKILLS

Languages: C++, Python
Databases: Oracle, MongoDB.
Tools & Libraries: Express.js, Node.js React.js, HTML/CSS, Git.

🎖 CERTIFICATES

- Hackerrank Problem Solving ⌇
- Web Development Masterclass ⌇
- Cisco Packet Tracer ⌇

🎸 INTERESTS

- Listening Music
- Photography
- Coding

💼 EXPERIENCE

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

- An 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 and processing.
- Tech Used - Python, OpenCV, AI

📁 PROJECTS

Online Gym Website
Github ⌇ *Live* ⌇

- This is a website that displays various exercises and the muscles targeted by them, and also shows gifs and video tutorials on how to properly do them.
- **React.js,** along with **Material UI,** was used to make the frontend.
- **ExerciseDB** and **YTdownload APIs** were used to fetch data from the **RapidAPI** cloud, hosted on Netlify.
Tech stack used : **React.js**, **Material UI, CSS.**

Fully Responsive Personal Portfolio
Github ⌇ *Live* ⌇

- **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.
Tech stack used: **React.js, Node.js, Express.js, CSS**.

GUI based YouTube Video Downloader ⌇

- This is a basic GUI-based Python code that downloads any YouTube video in multiple resolutions.
- Made in **Python**, **Tkinter** GUI uses the YTube module.

🏅 ACHIEVEMENT

Practiced 250+ coding questions across various coding platforms

Presented research paper in National level conference ENNOVATE'22 ⌇
Got a consolation prize in AI based Smart Hydroponics

Inter College code Debugger Competition, *Ranked 1st*
Conducted in SB Jain College, 2019

5 Star at HackerRank (C++)

Runnerup in NSS Hackathon