Pratik Prakash Shastrakar

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🎓 EDUCATION

Shri Ramdeobaba College of Engineering and Management,

B.E. in Electronics Engineering ✎

2020 – 2023 | Nagpur

CGPA: 8.66/10 (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: MySQL
Tools & Libraries: React.js, HTML, Git.
Other: Cloud, Data Structures & Algorithms, OOPs

📇 CERTIFICATES

- Microsoft Azure AZ-900 ✎
- Hackerrank Problem Solving ✎
- Web Development Masterclass ✎
- Cisco Packet Tracer ✎

🎸 INTERESTS

- Coding
- Listening Music
- Astrophotography ✎
- Space/ Aviation

💼 EXPERIENCE

Microsoft Future Ready Talent, *Intern* ✎

05/2022 – 07/2022 | Remote

- I learnt about Core MS **Azure** fundamentals.
- Created Azure Static web app and hosted a prototype project.
- Created a **VM,** a virtual network, and a resource group.
- Implemented RBAC on Azure **Blob** storage.

📁 PROJECTS

Online Gym Website, *(Personal)*

Github ✎　　Live ✎

- This is a cross-platform website that displays various exercises and the muscles they target, as well as gifs and video tutorials on how to do them properly.
- **React.js,** along with **Material UI,** was used to create responsive UI.
- **ExerciseDB** and **YTdownload APIs** were used to fetch data from the **RapidAPI** cloud, hosted on Netlify.

Sudoku Solver C++, *(Personal)* ✎

- Created a Sudoku solver in C++.
- A backtracking algorithm was used to refill cells with correct entries.
- Verified using three criteria (Row,Column, Grid).
- **HTML** and **CSS** were used to create a static webpage.

Bidirectional Visitor Counter, *(Group)*

- An **IoT**-based project that counts the number of people entering and exiting the room
- The count is recorded and displayed using a pair of infrared sensors.
- The power supply in the room is controlled based on the count.

🏅 ACHIEVEMENT

Practiced 250+ coding questions across various coding platforms

Presented research paper in National level conference ENNOVATE'22 ✎

Got a consolation prize in Smart Hydroponics

Entrix, 2021 Winner

A Technical event organized by Electronics dept, RCOEM in 2nd year

CodeChef Highest Rating - 1481 ✎

Inter College code Debugger Competition, *Ranked 1st*

Conducted in SB Jain College, 2019