PRAVESH PANDEY

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EDUCATION

Motilal Nehru National Institute of Technology   *Uttar Pradesh, India*
Bachelor of Technology (**7.8/10**)   *June 2019–Present*
Nirmala Convent High School   *Renukoot India*
Intermediate& High School (**92.2/100**)   *April 2017-March2019*

EXPERIENCE

Software Development Intern   **Direction Educare, Jalandhar**   *January 2021 – February 2021*

- ♦   Automating the service to directly compress pdf files and thus improving database.
- ♦   **Technology Used:** Ghostscript, Machine Learning, Deep Learning, Python, OpenCV.

PROJECT

Maze Explorer Bot (link)   *January 2020 - February 2020*

- ♦   Developed a three wheeled intelligent Bot to solve maze.
- ♦   **Technology Used:** color sensor, Arduino, Infrared sensor, Arduino IDE.

Sudoku Solver (link)   *January 2021 – January 2021*

- ♦   Developed an application to detect image of sudoku and return its final solved version.
- ♦   Used customized CNN, by tuning hyperparameters, to detect digits and added edge detection feature from OpenCV to separate them. Final accuracy received is 97.67%
- ♦   **Technology Used:** Python, OpenCV, TensorFlow, Deep learning, Google Colab.

Internal Collage Website(link)   *May 2019 – June 2019*

- ♦   Developed the collage website to display the upcoming collage evens, and results from past events, also adding facility of student login to check in and update.
- ♦   **Technology Used:** HTML, CSS, JS, Bootstrap, Python, SQL.

Cell Phone Controlled car(link)   *April 2020 – May 2020*

- ♦   Developed a three-wheel Bot that is controlled by cell phone gyroscope to control it.
- ♦   **Technology Used:** NodeMCU, Arduino, motor driver, Arduino IDE.

ACHIVEMENTS

- ♦   Certified Problem Solver from Hackerrank, Profile: **@Dhananjay25**
- ♦   **Runner-Up | Maze Explorer | TECHNEX2020-IIT BHU**   *February 2020*
  - ➢   Maze Explorer is intelligent robot development event organized under the annual techno-management event Technex at IIT BHU.
  - ➢   Technologies: Arduino UNO, color sensor, infrared sensor, Arduino IDE, etc.
- ♦   **Winner | Project Exhibition | Prosang2020 - MNNIT Allahabad**   *February 2020*
  - ➢   This event is organized under annual techno-management event Prosang at MNNIT Allahabad
- ♦   **Solved 1000+ Coding Problems (2020-Present)**– On various online Coding Platform.
- ♦   **Algorithm Specialization Certified (2020)** – Tim Roughgarden

SKILLS

- ♦   **Strongest Area –** Data Structure & Algorithms | C++
- ♦   **Languages** – C/C++ | Python | JavaScript | HTML | CSS | Arduino
- ♦   **Database** – Sql
- ♦   **Technologies –** Machine Learning | Deep Learning |Web Scraping/Crawling |Git
- ♦   **Framework & Library –** NodeJS | Bootstrap | TensorFlow | Keras | OpenCV