

# Yashdeep Patwa

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## PROFESSIONAL EXPERIENCE

### **PARIKSHA - MIDAS, IIIT Delhi**

Feb. 2022 – Mar. 2022

#### **Frontend developer** – *Reactjs, tailwindcss, passportjs*

Delhi, India

- A hiring platform where you can create tests, give tests, proctor tests, assign tests, delete tests, Remodelled the entire user interface with tailwindcss from scratch.
- Added user form, Google Auth2.0 and JWT authentication.
- Integrated MIDAS Code Editor in PARIKSHA with an improved user interface.
- Closely worked on question creator tool and Added features like Random shuffling, filtering, and navigation.

### **UpSkool**

Nov. 2021 – Feb. 2022

#### **Frontend developer** - *Vuejs, buefy, chartjs, p5js*

Delhi, India

- E-learning website for students of I-X grade, more than 40,000+ questions are formed till now.
- Closely worked on the question editor tool and released 10+ features.
- Made Our style editor and remodeled the user interface.
- Fully customizable feature for charts, drag box, Venn diagram, thermometer, Ruler etc.

### **Hackjnu 2.0 – Loop, JNU Delhi**

July. 2021 – Sep. 2021

#### **Frontend developer** - *Html, CSS, javascript, particlejs*

Delhi, India

- A virtual 24-hours Hackathon website with 300+ participants.
- Developed a major section of the user interfaces from scratch.
- Integrated some popular javascript libraries like partical.js and tilt.js.

## PROJECTS

### **OKHI.in** - *Mongodb, Express, Reactjs, Nodejs*

Jun. 2020 – July. 2021

- A single-page web application (SPA) with a powerful & modern dashboard that automates and creates a formal card in minutes, which is easily shareable.
- JWT authentication is used for Login and Signup and mongoDB to store users' data.
- Admin dashboard with registered users list, CRUD functionality, filter and search options.

### **Cardiocare Website** - *Django, Python, Bootstrap*

Mar. 2021 – May. 2021

- A web application aimed at raising awareness about the risk of heart-related problems. This lets you predict the risk of a person getting heart disease in the future.
- Random Forest Classifier is used to predict the risk percentage of developing cardiovascular disease.

### **ChatBot** - *Tkinter, Python, regular expression*

Dec. 2020 – Feb. 2020

- A Smart bot integrated with the Tkinter application which reduces tasks with automation and provides important data as required.
- A lots of regular expressions are used to enhance interaction with a chatbot.
- Chat Bot talks with xlsx file and can answer multiple questions.

### **Attendance Management System** - *Tkinter, Python*

Nov. 2020 – Jan. 2020

- (Desktop application) Created an advanced management system to organize attendance using automation and folder structure.

## EDUCATION

Delhi, India

**Jawaharlal Nehru University**

Jun. 2019 – Jul. 2024

- M. Tech + B. Tech. in Computer Science and Engineering. CGPA: 6.2/9
- Main coursework: Data Structures, Design and analysis of Algorithms, Computer Architecture, Database Systems, Operating Systems, Software Engineering.
- Member – De-Robotica, Loop Club.
- Volunteer and Web Developer – Hackjnu 2.0.

## TECHNICAL SKILLS

**FRAMEWORKS AND LIBRARIES:** Reactjs, Vuejs, Redux, Redux Saga, Expressjs, Nodejs, Tailwindcss, Bootstrap

**PROGRAMMING LANGUAGE:** C++, Python(Pandas Numpy, Selenium, Tkinter), Javascript

**DATABASE AND VIZ:** MongoDB, MySql, Matplotlib

**OTHERS:** Git, Docker, Redis, Nginx, PWA, SEO