PARAS **JAIN**

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Email · **LinkedIn** · **Portfolio** · **GitHub**

I am capable of everything from hand coding to project management. I am a highly collaborative individual and proactive thinker with recognized leadership abilities who considers the impact of present decisions on future outcomes. My immediate objective is to utilize my effective communication skills and innate technical abilities in a progressive environment that seeks to lead their industry or respective disciplines.

5 ☆ at Hacker Rank (Problem Solving)

EXPERIENCE

INTERNSHIP
JUNE 2021 – JULY 2021
CYBERSECURITY VIRTUAL INTERNSHIP PROGRAM, CISCO

Designed a Secure Network for my campus and created a logical topology on Packet Tracer.

INTERNSHIP
MARCH 2021 – MAY 2021
WEB DESIGNER, BOOKMEDIA PUBLISHING

Built a website portal for the authors linked with the company to check the sales report of their Books sold on multiple e-commerce platforms. Skills Used: PHP, MySQL

INTERNSHIP
FEB 2021 – MARCH 2021
FRONTEND DEVELOPER, REXORA EDULABS PVT. LTD.

Built a dashboard called “Tracker” using MERN stack with a team of 5 members. I was responsible for the Frontend and fulfilling the user experience requirement in the project. “Tracker” is a team communication application that unifies team objective and improves workflow.

EDUCATION

2018-2022
BTECH ECE, BENNETT UNIVERSITY (GREATER NOIDA, UP)

Awards: Won Smart India Hackathon 2020 at university level.

SKILLS

- HTML, CSS, JavaScript
- Reactjs, Nodejs, MongoDB, Vue.js
- Bootstrap, jQuery, Redux
- WordPress, Shopify, Microsoft Azure
- PHP, MySQL
- C++, Python
- VLSI, Arduino, MATLAB
- Machine Learning, AI, SEO

PROJECTS

- **Web Development Projects:**

1. YouTube Clone Website
2. Netflix Cone Website
3. Hulu Clone Website
4. E-commerce Website:
   A fully functional eCommerce application using commerce.js.
   Used Stripe for card transactions.
5. Tracker Application:
   "Tracker" is a team communication application that unifies team objective and improves workflow.

- **Machine Learning/Image Processing Projects:**

1. Social Distance Detection:
   The objective behind this project is to develop a social distancing detector that will detect whether the people is maintaining the physical distance or not, using OpenCV and YOLO.

2. Gray Scale to Color Image Conversion:
   Converting Grayscale Images to Colored Images using Convolutional Neural Network. Used Modules: sys, PIL (Image), copy (deep copy), sk-learn.

3. Drowsiness Alert System:
   The objective behind this project is to develop a Driver sleeping alert system that could find if a person had closed his/her for a longer period. If system find eyes to be closed for some seconds than the system will sound an alarm to alert the driver. Using Python, OpenCV, and Keras.

4. Dropout: A Simple Way to Prevent Neural Networks from Overfitting:
   Overfitting happens when a model learns the detail and noise in the training data to the extent that it negatively impacts the performance of the model on new data.

- **Movies Android Application:**
  The project involves building an application to help users discover popular and recent movies. The application also provides a detail view for each movie, allowing users to 'favorite' movies, and has tablet layouts to support tablets. The data for favorite movies is persisted using a database and the application uses a content provider on top of the database to provide information to the user.

- **Hardware Projects:**

  - Biometric Attendance System:
    A microcontroller-based project of marking of attendance of students entering a classroom using their fingerprints and making a list of students present at the end of the session.
    Microcontroller used: ATMega32 8bit microcontroller.
  - Lamp Handball:
    Constructed an electronic game of handball using a single LED to simulate the moving ball. It demonstrates the application of bidirectional shift registers with parallel load
  - SMART IRRIGATION SYSTEM (SIH2020):
    A solar power irrigation system was cost effective and conserves electricity and water by pumping water according to the humidity and temperature change of the soil.
  - Robotic Arm:
    There was a need for an effective and convenient robot that could pick boxes in factories and pack them precisely and accurately into boxes without conceding error. So using Arduino, I made a Robotic Arm that picks up the boxes from one place to another and can be controlled through a Keypad.

CERTIFICATIONS

- Microsoft: Microsoft AZ-900
- Coursera: Getting Started with AWS Machine Learning
- Pluralsight: Building Applications with React and Redux
- Microsoft: Azure AI Fundamentals (AI-900)
- Cockroach University: Introduction to Distributed SQL and CockroachDB
- IBM: Introduction to Data Science
- IBM: Cloud Core
- CISCO: Introduction to Cybersecurity
- Udemy: Web Development Masterclass

HOBBIES: Chess, Travelling, Cooking