# Himanshu Parashar

## Software Engineer

Solution-oriented Computer Science and Engineering student with 2+ years of hands-on experience in Data Science and Machine Learning and web dev 2+ years of overall coding experience. Adept at motivating self and others, efficient at working in a team. Passionate about Software Development associated with Data Science and constantly keeping in touch with the new and upcoming algorithms.

himanshuparashar0101@gmail.co	m
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+918860776298

DELHI, India

linkedin.com/in/himanshu-parashar-b712941a3

github.com/himanshuParashar0101

#### **EDUCATION**

## **B.tech in Computer Science Engineering** Maharaja Agrasen Institute Technology/ Delhi

08/2019 - Present

8.4/10 CGPA

## **WORK EXPERIENCE**

## Reseach Intern LearnByResearch

03/2022 - Present

Remote

Achievements/Tasks

- Wrote a Research Paper on the topic Application of Machine Learning in pharma industry; specifically, in Drug Formulation
- This included understanding what type of ML algorithm must be used and find better alternatives if possible.

## Software Developer Intern Accenture Developer Program

06/2021 - 07/2021

Remote

Achievements/Tasks

- Debugging backend code and applying client preferences
- Learned how Accenture work virtually
- Advise customer about or perform maintenance of software system.
- Modify existing software to correct errors, adapt it to new **hardware**, or upgrade interfaces and improve performance.

## Machine Learning Intern The Spark Founation

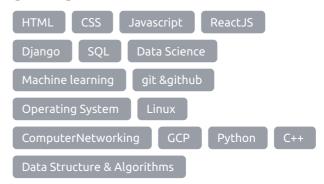
04/2021 - 06/2021

remote

Achievements/Tasks

- Demonstrate database technical functionality, such as performance, security and reliability.
- Design database applications, such as interfaces, data transfer mechanisms, global temporary tables, data partitions, and function-based indexes to enable efficient access of the generic database structure.
- Develop data models for applications, metadata tables, views or related database structures.
- Develop database architectural strategies at the modeling, design and implementation stages to address business or industry requirement
- Applying data structure and algorithm to improve the complexity

## **SKILLS**



## PERSONAL PROJECTS

Graphical Password Authenticator (03/2022 - Present)

- I worked on frontend area, creating a simple interface by using
- · This project not only helps consumers but also companies for the data protection of their clients.
- I also work on some backend part of this project using django and REST API

#### Fake News Detection (08/2021 - 09/2021)

- Create a pipeline to remove stop-words, perform tokenization and padding.
- Understand the theory and intuition behind Recurrent Neural Networks and LSTM
- Train the deep learning model and assess its performance

#### Exploratory Data Analysis- TERRORISM (04/2021 - 06/2021)

- · As per the security /defence, try to find out the hot zone of terrorism.
- We have checked all the issues and insight you can drive out by
- Tools I have used are python visualisation library and Google Data Studio.

## **CERTIFICATES**

Machine Learning (06/2020 - 09/2020)

Completed Specialization in Machine Learning

Python for Data Science (02/2021 - 03/2021)

#### LANGUAGES

English

Hindi

Full Professional Proficiency Full Professional Proficiency

## INTERESTS

Programming

Reading

Exercise