Pulkit Dhingra

I'm an assertive engineer in the field of computer science. My interests include a wide spectrum of software development, Machine Learning. Being in this zone gives me a grip on a few programming languages. I have worked on projects that include advanced technologies and explored different approaches to solving complex problems in various situations. I am a team player and always ready to learn and maintain a positive work environment.

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pulkit12dhingra.github.io/portfolio/

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EDUCATION

Bachelor of Technology Computer Science
Babu Banarsi Das Northern India Institute of Technology
08/2018 - 07/2022 *Lucknow, Uttar Pradesh , India*
Computer Science

- Semester Grade Point Average - 7.9/10

WORK EXPERIENCE

Associate Engineer
Nagarro
05/2022 - Present *Gurugram*
Achievements/Tasks

- Understanding of Linux commands and building pipelines with **Jenkins** and **Azure DevOps**.
- Integration pipeline with **Azure Cloud, AWS Cloud, and Google Cloud services**. Work with terraform scripts and Infrastructure as a Code.
- Understand and implement containerization with **Docker** and **Kubernetes.**

Data Science AI Trainer
Responsible AI For Youth Program
01/2021 - 04/2021 *Work From Home*
Achievements/Tasks

- Volunteer and Intern in the Responsible AI For Youth Program, an initiative by the **Government of India** to introduce students from government schools to **Artificial Intelligence**.
- Contributed as a mentor for students from government schools, to guide them in building several projects relating to **machine learning** and **data science**.
- Worked on **mentoring**, and teaching basic Machine learning concepts. Working on projects in the domains of Natural Language Processing, and Computer Vision.

CONTRIBUTIONS AND CERTIFICATIONS

Geeks For Geeks Contributor
*Contributor on Geeks-For-Geeks for **15+ articles**. The contributions were related to **Python, R**, and **Machine Learning**.*

Kaggle Notebook Expert
*A recognized Notebook contributor at Kaggle, with more than **20+ Bronze notebooks** and a **Notebooks contributor** badge.*

Machine Learning with Python (07/2020 - 08/2020)
CETPA Infotech summer Training

Specializations and Professional Certification
Coursera Deep learning Specialization and Professional Certifications

SKILLS

Python Programming | Problem Solving | Deep Learning | Machine Learning | Deep Learning | Data Engineering | Data Analytics | Natural Language Processing | Object Oriented Programming | Cloud Computing | DevOps | Jenkins | Kubernetes | AWS | HTML / CSS | Flask Python | SQL | Pyspark

PERSONAL PROJECTS

3 AM Friend

- In this project, a chatbot application has been developed to support people living alone or who are searching for someone to talk with.
- The application is developed using natural language processing techniques with the help of libraries like TensorFlow and the Natural Language Tool Kit or NLTK.
- The project is openly accessible to users via the web and uses the Flask framework to build the application. [Heroku Deploy]

Drishti (Sight)

- It is a project to elevate people with impaired eyesight.
- The project focuses on using deep learning and computer vision techniques to build an application that will help the differently abled to commute without any additional help.
- The project uses Object Detection technology to detect objects and give a verbal feedback to the user.

RESEARCH PAPERS

Sketch To Face (11/2022)
*The paper deals with the use of a **Generative Adversarial Network.** The paper presents a method to eliminate the need for a sketch artist during a criminological investigation. It enables eyewitnesses to draw a freehand sketch and get a colored image as the output from the model.*

Glass Identification Using Extreme Gradient Boosting Algorithm (08/2021)
The paper describes a method to analyze the chemical composition of glass particles. The most obvious use case is during an investigation, where several glass pieces can be separately classified based on their chemical composition. [LINK]

LANGUAGES

English
Native or Bilingual Proficiency

Hindi
Native or Bilingual Proficiency

INTERESTS

Cosmology | Artificial Intelligence | Big Data