

## KANISHK SHARMA

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### Summary

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Junior data scientist with 2+ years of experience in internship and project work. On a mission to create an A.I driven ecosystem in India.

### Experience

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#### NOKIA

Student Intern

Bangalore

Sept 2023 – Present

- Conducting testing automation for 5G core network functions, including SEPP, SCP, BSF.
- Develop testing automation scripts using the Robot Framework to enhance the robustness of 5G functionalities.
- Testing Kubernetes pods and containers for efficient deployment and functionality in 5G deployments.
- Working in the Kubernetes cloud environment to execute and manage automated tests.

#### AAIWAY INDIA

AI Development Intern

New Delhi

Oct 2020 – Feb 2021

- Built a CNN model to detect up to 14 Lungs related diseases using chest X-ray using deep learning
- Developed REST APIs and an X-ray tagging system.
- Built the entire backend using Flask. Deployed the whole project on Digital Ocean.

#### THE SPARKS FOUNDATION

Data Scientist Intern

New Delhi

Sept 2020 – Nov 2020

- Designed and developed customer lifetime value model to identify most profitable customers
- Monitored project schedules and prepared summary reports

### Projects

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#### Identification and Classification of Pneumonia caused by Bacteria and Virus

- Built a Convolutional Neural Network to detect pneumonia using chest x-rays images.
- Further classification is performed to predict the cause (Bacteria or Virus)
- Employed various pre-trained models for feature extraction and analyzed the performance.
- Built the backend in Flask and developed REST APIs.

#### Brain Tumor Detection using MRI Scans

- Designed and developed a deep learning model that can detect Brain Tumor using MRI Scans.
- Used MobileNet for feature extraction and build custom CNN for classification.
- Achieved 94.6% accuracy by hyperparameter tuning of the CNN layers.

### Education

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Vellore Institute of Technology, MCA

2022 – 2024

CGPA: 8.63

Vivekananda Institute of Professional Studies, BCA

2019 – 2022

CGPA: 9.2

### Technologies

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Languages: C, C++, Python, Java

Technologies: Machine learning, Deep learning, Web Development

### Achievements & Awards

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- Secured 3rd Rank among 300+ programmers in Hackathon organized by CVENT.
- Among top 10 Finalist in Hackathon organized by DPhi.

## **CERTIFICATIONS**

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- **Introduction to Neural Networks and Deep Learning**  
Issued by: Great Learning Academy
- **Artificial Intelligence (AI) by Lancaster University**  
Issued by: Accenture
- **Python 101 for Data Science by IBM**  
Issued by: Cognitive Class