

KANISHK SHARMA

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Experience

NOKIA

DevOps Intern

Bangalore
Sept 2023 – May 2024

- Successfully designed and implemented automated test scripts using **Robot Framework** to increase the accuracy of testing procedures, optimizing over **500+ test cases** and reducing runtime by 300+ seconds and lines of code by 50%
- Worked extensively with **4G/5G architecture** components, contributing to the development and execution of comprehensive test scenarios and ensuring seamless operation of **Telecom Network components** like SCP, BSF etc.
- Gained extensive experience with **Kubernetes and Docker**, handling complex configurations, deployments, and monitoring of Cloud Signaling Director (CSD) and other critical components, ensuring seamless testing and deployment processes.
- Managed **Jenkins CI/CD pipeline**, overseeing regression testing cycles, suite performance, and automating tasks for improved efficiency. Diagnosed and resolved 200+ failures, ensuring a streamlined software development lifecycle.

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.

Projects

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 built custom CNN for classification.
- Achieved 94.6% accuracy by hyperparameter tuning of the CNN layers.

Education

Vellore Institute of Technology, MCA
CGPA: 8.93

2022 – 2024

Vivekananda Institute of Professional Studies, BCA
CGPA: 9.2

2019 – 2022

Technologies

Languages: Python, C, C++, Java

Technologies: DevOps, Cloud Computing, Automation, Testing, Kubernetes, Jenkins

CERTIFICATIONS

- Introduction to Containers w/ Docker, Kubernetes & OpenShift
Pursuing on: Coursera
- Basics of Computer Networking
Issued by: Great Learning Academy