Devanand Yadav

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EDUCATION

- **JK Institute of Applied Physics and Technology University of Allahabad** Prayaraj Uttar Pradesh, India
  Bachelor of Technology in Computer Science and Engineering; SGPA: 9.2/10.0 — *Aug. 2019 – May 2023*

- **Krishna Public School** — Patna Bihar, India
  Intermediate of Science in Mathematics; Percentage: 83.2% — *Aug. 2016 – May 2018*

- **Saraswati Senior Secondary Vidya Mandir** — Deoria Uttar Pradesh, India
  High School; CGPA: 10/10 — *Aug. 2014 – May 2016*

EXPERIENCE

- **Pantech ProLabs India Pvt Ltd (Pantech Solutions)** — Remote
  Machine Learning Intern — *Jan. 2022 - Apr. 2022*
  - **Worked**: Worked and collaborated on ML projects using Tensorflow, Pytorch on Google Colab and System and optimizes model and minimizes the error and maximizes accuracy of model.
  - **Learnt**: Learnt Machine learning, deep learning concepts and Tensorflow, Pytorch, and different Neural Networks (like ANN, CNN, RNN). Learnt and applied concept on different types of Learning i.e. Supervised learning, Unsupervised learning, Reinforcement learning, and semi-supervised learning and their classifications.

PROJECTS

- **Django Website**: This is a website for software service in which Services, Blog, User creation/updation/deletion, post create/update/delete are there. In which for backend uses Django, and for Database SQLite., and for frontend uses HTTML, CSS, JavaScript, Bootstrap.
- **Face Mask Detection using CNN**: Optimized the CNN model and achieved accuracy of 99.72% with error of 2.32%, and solved the hand detection when hand is put on face instead of mask.
  Used CNN model, Haar Cascade Algorithm to detect face, MobileNET SSD pre-trained model.
  Libraries used Tensorflow, keras, sklearn, opencv2
- **Attendance System using Deep Learning**: Optimized the CNN model, achieved an accuracy about 96% .
  Used supervised learning, Haar Cascade algorithm for frontal face detection, Support Vector Machine (SVM) a powerful flexible supervised machine learning algorithm which is used in both classification and regression.
  Libraries uses Tensorflow, keras, sklearn, opencv2
- **COVID-19 Detection using X-Ray Data by Deep Learning**: Optimized the model and increased the accuracy of the model to about 98%.Uses supervised learning, convolutional neural network (CNN), PYQT5 for GUI.
  Libraries uses Tensorflow, keras, sklearn, opencv2, PyQt5
- **Docker Compose**: It Set up a WordPress environment on a Linux server, and launched Docker docker containers.

SKILLS

- **Technical skills**: Python, C, C++, SQL, Shell scripting, Git, Github, Docker, Linux, Django, Data Structures and Algorithms, OOPs, Machine Learning

AWARDS & CERTIFICATIONS

- **AI-900**: Mircrosoft AI Fundamental
- **DP-900**: Mircrosoft Data Fundamental
- **AZ-900**: Mircrosoft Azure Fundamental
- **Google IT Automation with Python**: This is a IT Professional Certificate
- **NASA's Spaceapp Challenge Oct. 2021**: This certificate is on participation of Space Debris Mapping by NASA.
- **Expertise In Docker**: This certificate is on completion of Docker Training by IIEC-Rise by Mr. Vimal Daga.

VOLUNTEERING

- **Mozilla** — Remote
  MozFest 2022 Volunteer — *Feb. 2022 - Mar. 2022*