Amlan Nanda

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OBJECTIVE

To work with an organization where I can learn new skills and increases my abilities for the organizational goals as well as myself and become a successful expert in the field of information technology by channelizing my technical knowledge and skills to ensure personal and professional growth and to contribute to the prosperity of the organization.

EDUCATION

Bachelor of Technology in Computer Science and Engineering, Sambalpur University Institute of Information Technology |2020 – 2024| CGPA: 6.4cgpa

12th (+2 Science), Guidance English Medium School |2020| 70%
10th (Matriculation), Venkateswar English Medium School | 2018| 73%

SKILLS

Programming:	Python (Basic), Html, CSS
AI/ML:	Machine Learning, Deep Learning, Neural Networks
Frameworks:	Tensorflow, Keras, Pytorch, OpenCV, CNN, RNN
Data Analytics:	NumPy, Pandas, Data Visualization, PowerBI
Tools/OS:	Jupyter Notebook, VS Code, Git/GitHub, Kaggle, Linux (Ubuntu 24.04LTS)
Soft Skills:	Problem Solving, Time Management, Team Player

EXPERIENCE

Tech Support Aug 2024 - Dec 2024
Tech Mahindra *Bhubaneswar, Odisha*

- Optimized customer service policies, reducing complaint resolution time by 30%.
- Collaborated with cross-functional teams to troubleshoot software issues, improving workflow efficiency.

Medical ICT Cell Jan 2025-Present
Kalinga Institute of Medical Sciences *Bhubaneswar, Odisha*

- Managing, troubleshooting and analyzing of the medical applications and software that are used in the hospitals.
- Tested and debugged 10+ medical applications and software's, enhancing stability by 25%.

PROJECTS

Cardiovascular Disease prediction using Artificial Intelligence and Machine Learning.

Analyzed 10,000+ patient records to build a risk-prediction model with 89% precision.

Brain Tumor classification using Deep Learning and Neural Network.

Trained and developed a convolutional neural network model on 7000+ MRI images, achieving 94% accuracy in tumour detection of the model by the help of functionalities that is implemented are tensorflow, OpenCV, and also many frameworks that is used to developed this model.

Enhancing Breast Cancer Detection: A SVM Approach with Fine Needle Aspiration Feature Analysis.

Engineered an SVM classifier (Scikit-learn) using FNA datasets, boosting detection precision by 18% and accuracy by 93%

The Classification of Various Medical Images Analysis Using Convolutional Neural Network for Multi Cancer Detection.

Trained and developed a convolutional neural network model on 103000+ different types of medical –images, achieving 96% accuracy in tumour detection of the model by the help of many frameworks that is used to developed this model.

SOFTWARE AND TOOLS USED FOR THE PROJECTS

- **Operating System used:** Linux (Ubuntu 22.04LTS)
- **Platform used:** Jupyter Notebook and Visual Studio Code

INTERNSHIP AND RESEARCH PAPER

• I have completed 2 months of Internship on Artificial Intelligence from Corizo Edutech.

• I have completed my 2 months of internship in Neural Network and Deep learning at ISI Kolkata.

• I have presented a research paper in IEEE on my minor project that is Enhancing Breast Cancer Detection using SVM Approach with Fine Needle Aspiration Feature Analysis.

LANGUAGES KNOWN

- English, Hindi and Odia

HOBBIES

- Playing cricket, Chess, try to learn new skills and knowledge

DECLERATION: I hereby state that all the information mentioned above are true and to the best of my knowledge.

Date:

Place: Bhubaneswar (Amlan Nanda)