

BELLE RANGA MAHESH

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CAREER OBJECTIVE

Aspiring Software Developer with hands-on experience in machine learning, deep learning, and web app development. Strong foundation in Python, Java, and AI technologies with a proven ability to develop and deploy real-world applications. Passionate about building impactful tech solutions through continuous learning and collaboration.

EDUCATION

MASTER OF COMPUTER APPLICATION(MCA)
kl university

2023 -2025

B.SC COMPUTER SCIENCE(MPCS)
JKC COLLEGE

2020-2023

SKILLS

- Programming Languages: Python, Java
- Web Technologies: HTML, CSS
- Databases: MySQL, SQL
- Machine Learning/AI: TensorFlow, Keras, Scikit-learn, NLP, Audio Processing
- Frameworks & Tools: Streamlit, Flask, Pandas, NumPy, Matplotlib, Seaborn

SOFT SKILLS

- Strong communication
- Team collaboration
- Problem-solving

PROJECTS

Alzheimer's Disease Detection using MRI

Technologies: Python, TensorFlow/Keras, OpenCV, CNN, Jupyter Notebook

- Developed a deep learning model using Convolutional Neural Networks (CNN) to classify MRI brain scans and detect early signs of Alzheimer's disease.
- Preprocessed MRI datasets including image normalization, resizing, and augmentation to enhance model performance.
- Achieved high classification accuracy by tuning hyperparameters and experimenting with model architectures.
- Visualized training performance with metrics like accuracy and loss to monitor overfitting and improve generalization.

Customer Churn Prediction – Saiket Systems

Technologies: Python, Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, XGBoost, Jupyter Notebook

- Built a CNN-based model for classifying MRI scans into Alzheimer's stages.
- Integrated NLP and audio processing for enhanced early detection.
- Developed a Streamlit web app for real-time predictions and PDF report generation.
- Stored patient records securely using MySQL.

INTERNSHIPS

Machine Learning Intern – Saiket Systems (Remote)

- Developed a Customer Churn Prediction Model using supervised learning techniques.
- Conducted exploratory data analysis and feature engineering to improve model performance.
- Trained and evaluated multiple classifiers including Logistic Regression and Random Forest.
- Technologies: Python, Pandas, Scikit-learn, Matplotlib, Jupyter Notebook

Artificial Intelligence Intern – Stackedutech Pvt Ltd (Remote)

- Worked on real-time AI projects involving classification and regression models.
- Applied data cleaning, model tuning, and deployment techniques using Python.

CERTIFICATES

- Artificial Intelligence – Infosys Springboard
- Python Full Stack Development – RedCarpet Technologies
- Data Analytics using Python – APSSDC

LANGUAGES KNOWN

- English (Fluent)
- Telugu (Native)
- Hindi (Proficient)