MAGANTI NAGA GOPI KRISHNA

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PROFESSIONAL SUMMARY

Python developer with a strong foundation in **Python, Machine learning,Django, NumPy, Pandas, Matplotlib, Seaborn, and MySQL**. Experienced in developing web applications and deploying **machine learning (ML) and deep learning (DL) projects**. Eager to learn new technologies, solve problems, and contribute to innovative solutions in a dynamic
environment.

WORK EXPERIENCE

Jun 2024 - Present

Python Developer – Voidmain Technologies

- Worked on developing and maintaining Python projects using Django.
- Gained hands-on experience with deploying machine learning and deep learning projects.
- Trained models using various ML/DL techniques and deployed them for real-world applications.

TECHNICAL SKILLS

- **Programming Languages**: Python
- **Web Technologies**: HTML, CSS, Java Script,Angular JS.
- **Database**: SQL
- **Data Science Libraries**: NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, Textblob.
- **Development Tools**: Eclipse, VS Code, Postman, Jupyter notebook, PyCharm.
- **Project Deployment**: Hands-on experience in deploying Python- -based machine learning/deep learning projects using Anaconda prompt, Jupyter Notebook.

PROJECTS

Money Interest Calculator – Full Stack Development

- **Description:**
  Designed and implemented a full-stack web application to calculate Simple and Compound Interest based on user inputs. Emphasized clean UI design and efficient backend logic for accurate and real-time results.
- **Frontend:**
  HTML, CSS, JavaScript
- **Backend:**
  Python (Flask)
- **Tools:**
  Visual Studio Code, Postman (for API testing), Anaconda (optional)

- **Outcome:**
  Successfully delivered an intuitive and responsive financial calculator with input validation, real-time computations, and backend data handling. Provided a smooth user experience through dynamic updates and precise output.

Heart Disease Prediction

- **Description:**
  Developed a machine learning model to predict the risk of heart disease based on patient health data. The project uses a dataset containing medical parameters like age, blood pressure, cholesterol levels, and sugar levels. The trained model is deployed using Flask to provide real-time predictions and Achieved an accuracy of 85% in predicting heart disease.

Key Features:

- Data preprocessing and feature selection
- Trained a machine learning model (Logistic Regression, Random Forest, or SVM)
- Built a Flask web app for user-friendly predictions
- Deployed the model for real-time predictions

Tools & Technologies:

- **Programming:** Python
- **Libraries:** NumPy, Pandas, Scikit-learn, Matplotlib, Seaborn
- **Framework:** Flask
- **Model Used:** Logistic Regression / Random Forest / SVM
- **Deployment:** Flask (Locally)

EDUCATIONAL QUALIFICATIONS

B.Tech in Mechanical Engineering

- Devenani Venkata Ramana &Dr.Hima Shekar Mic College Of Technology, 2024.

Diploma in Mechanical Engineering

- A.A.N.M & V.V.R.S.R Polytechnic College, 2021.

SSC

- Bhashyam High School, 2018.

CERTIFICATES:

- **Python Development Certification**