Krishna Singh

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EDUCATION

Gandhi Institute of Technology and Management (GITAM UNIVERSITY)   **Visakhapatnam**
M.Sc. Data Science, CGPA - 8.12   Aug. 2022 - May 2024

Gandhi Institute of Technology and Management (GITAM UNIVERSITY)   **Visakhapatnam**
Bachelor of Computer Application (BCA), CGPA-8.59   July 2018 - May 2021

EXPERIENCE

Data Analyst Intern   **Aug. 2024 - Oct. 2024**
Unified Mentor   Remote
- Assisted in collecting, cleaning, and analyzing large datasets using Python, SQL, and Excel to uncover actionable insights.
- Created interactive dashboards and visualizations using Tableau/Power BI to support data-driven decision-making.
- Collaborated with cross-functional teams to identify business problems, define KPIs, and deliver timely analytical reports.

AI/ML Internship   **May 2023 - July 2023**
AICTE Virtual Internship   Remote
- Completed a government-sponsored virtual internship focused on AI/ML concepts, involving hands-on lab assignments and real-world problem-solving.
- Gained practical experience in building and evaluating machine learning models using Python and AWS tools in a cloud-based environment.
- Successfully completed AWS Academy Cloud Foundations course, developing a strong understanding of core cloud services, architecture, and deployment.

PROJECTS

Potato Leaf Disease Prediction with CNN : To Mitigate Farm losses | **Jan. 2024 - Apr. 2024**
- Using CNN, TensorFlow/Keras, Matplotlib, Python, Numpy, Pandas, Jupyter Notebook, Kaggle Dataset
- Developed a CNN-based deep learning model to detect potato leaf diseases from images with high accuracy.
- Utilized TensorFlow and Keras for model building and training, with real-time image augmentation techniques.
- Processed and classified images into categories like Early Blight, Late Blight, and Healthy.
- Aimed to support precision agriculture by enabling early detection and reducing potential economic losses.

CapSar Ration Shop Website | HTML, CSS, JavaScript, XML, PHP   **Jan. 2021 -May 2021**
- Designed and developed a multi-page static website "CapSar Ration Shop" using HTML, CSS, and JavaScript.
- Created pages like Home, Products, About, Payment, and Login, with dropdowns for customer reviews and partner companies.
- Integrated social media info (Facebook, Instagram, etc).
- Used PHP with XML to display static bill details via an online service.
- Focused on clean UI/UX design to simulate a professional storefront and enhance user navigation experience.

TECHNICAL SKILLS

Languages:	Python, C/C++, SQL, JavaScript, HTML/CSS, R
Frameworks:	TensorFlow, Keras, PyTorch, Scikit-learn, FastAPI, OpenCV
Dev Tools:	VS Code, Visual Studio, MS Excel, MySql, MongoDB, Jupyter Notebook, Google Colab, Git/GitHub, Anaconda, AWS (EC2, S3, SageMaker)
Libraries:	Pandas, NumPy, Matplotlib, Seaborn, Plotly