DHASNEEM BEEVI

MACHINE LEARNING ENGINEER

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LinkedIn

Github

Portfolio

EDUCATION

TamilNadu Agriculture University, Coimbatore, Tamil Nadu   Aug 2016 - Nov 2020

Bachelor of Technology Horticulture

Green Park Matriculation Higher Secondary School, Namakkal, Tamil Nadu   May 2014 - Apr 2016

Intermediate (+2)

PROFESSIONAL EXPERIENCE

GUVI Institute | AI & Machine learning Course   **Chennai, India | Apr 2024 - Present**

- Proficient in **Python** and **SQL** for data access and analysis, applying **ML algorithms** to build predictive models by **data preprocessing** and **feature engineering** to improve model accuracy and robustness..
- Developed AI-driven generative responses and **deep learning** models using **PyTorch** with **RNN** and **CNN** for image and gesture recognition.
- Built predictive models using various **machine learning pipelines** and optimized performance through **hyperparameter tuning** and **model deployment** techniques.

SharePoint Designs | SharePoint Developer   **Chennai, Tamil Nadu | Jul 2023 - Present**

- Implemented **UI/UX** designs in **React** for optimal user experiences, creating custom solutions within the **SharePoint** environment.
- Designed and deployed **Power Apps** and **Power Automate** solutions to streamline data workflows, business processes, integrating AI for predictive insights.

10x Academy | Full Stack Developer Trainee   **Hyderabad, Telangana | Jul 2022 - Jun 2023**

- Intensive training in **Data Structures, Algorithms,** and full-stack development (**MERN**) with expertise in **JavaScript**, **Node.js**, and **React.js.**

TECHNICAL SKILLS

- **Programming:**   Python, SQL
- **Machine Learning:** Model Deployment, Data Preprocessing, Feature Engineering, Hyperparameter Tuning
- **ML Libraries:**   PyTorch, Scikit-learn, TensorFlow
- **Tools:**   Power BI, Seaborn, Matplotlib, Streamlit, Git
- **Databases:**   SQL, MongoDB

PROJECTS

Plant Disease Detection using CNN   **Technologies: Python, Streamlit, PyTorch**

- Developed a high-accuracy **CNN model** in **Python** and **PyTorch** to detect plant diseases from leaf images with a **93.8% accuracy rate.**
- Conducted **data preprocessing** on leaf image datasets and applied **feature engineering** for improved detection.
- Integrated a user-friendly interface using **Streamlit** for real-time diagnostics, enhancing accessibility for end-users in agriculture.

YouTube Data Harvesting & Warehousing   **Technologies: Python, Streamlit, SQL**

- Built a **Streamlit app** to analyze data from multiple YouTube channels via the YouTube API, storing data in **MySQL** for easy querying and visualization.
- Improved data processing efficiency by **40%** through **SQL optimization** and advanced **data preprocessing**.

CERTIFICATIONS

- Machine Learning Algorithms **- Great Learning**
- Full Stack Web Development Program **- The 10x Academy**