DHARSHINI K

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SUMMARY

Final-year B.Tech student in Artificial Intelligence and Data Science with a strong foundation in machine learning, data analysis, and software development. Passionate about leveraging data to drive insight and innovation in real-world scenarios. Looking for opportunities to apply my skills in AI and data-driven problem solving.

EDUCATION

B.Tech Artificial Intelligence and Data Science   2021 - 2025
Panimalar Institute of Technology, Chennai   CGPA: 8.5

State Board, Class XII   2021
S.M.B Matric Higher Secondary School, Dindigul   90%

State Board, Class X   2019
S.M.B Matric Higher Secondary School, Dindigul   90%

SKILLS

Programming Languages:	Python, R
Data Science and Analysis:	Statistics, Web Scraping, Pandas, PySpark, NumPy, Matplotlib, Seaborn, PowerBI
Machine Learning:	NLP, Scikit-learn, TensorFlow, Keras, PyTorch
Web Development:	Django, Flask, Streamlit, React
Database Management:	MySQL, MongoDB
Version Control:	Git, GitHub
UI/UX Design:	Figma
Soft Skills:	Communication, Multitasking

PROJECTS

DCGAN-Anime Generator
Developed a DCGAN to generate anime-style images. Preprocessed datasets using OpenCV and NumPy. Trained the model on GPU using TensorFlow and Keras.
Technology used: Python, TensorFlow, Keras, NumPy, OpenCV

Data Analysis App
Built a web-based data visualization application using Streamlit. Implemented CSV/Excel file ingestion and real-time data filtering using Pandas. Integrated Matplotlib and Seaborn for visualizations.
Technology used: Python, Streamlit, Matplotlib, Seaborn, Pandas

CERTIFICATES

NSDC (National Skill Development Corporation):	Artificial Intelligence with real-time applications
Deep Learning using PyTorch by LinkedIn:	Learned to work with PyTorch library
TensorFlow by LinkedIn:	Learned to build and deploy Deep Learning Applications with TensorFlow

COMPETITIONS

NM-TNCPL Hackathon:	Selected in top 75 for 48 hrs Hackathon
REVAMP-APP MASTERY:	Winner for Android Design
Danjr Hackathon by Guvi Networks:	Chosen from 12,000 participants for UI/UX Hackathon

EXPERIENCE

Virtual Tech Services, Ambattur:	Developed a project "Cafe Corner" using HTML, CSS, JavaScript. Gained experience in UI design with Adobe Photoshop.