

DHANANJAYAN V

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“Aspiring Machine Learning Engineer” || “AI Research Enthusiast”

I am a machine learning enthusiast who spent his first two years of college attempting to learn more about this field. I have a year of team project experience in the field of machine learning. I consider myself a responsible, goal-oriented, and pragmatic individual with high ethical standards. My ability to adapt to any environment is my best quality.

EDUCATION

Bannari Amman Institute of Technology, Sathyamangalam, Erode.

B.Tech., Artificial Intelligence and Machine Learning - 8.3 CGPA

Nov 2021-Present

St. Joseph's Matriculation Higher Secondary School, Hosur.

Higher Secondary Education -93%

May 2021

SKILLS

Programming Languages: Python, C/C++/Java, SQL, HTML, CSS, JS (high to low)

Tools: PyCharm, Visual Studio, Jupyter Notebook, Anaconda

Analytical Tools: Excel, Power BI- Tableau (Currently Learning)

Web Frameworks: Flask, Django, MERN (Beginner)

Database: MySQL, MongoDB (currently learning)

Field of Interest: AI/ML, Deep Learning, Data science, Business Analytics.

Core Competencies: Communication - Board member of TEDxBITSATHY, participated in Model United Nations

ACADEMIC PROJECT

Working along with PhD pursuing faculties at my college

Present

- working on Face spoofing detection in videos.
- working on Explainable AI.
- working on Ancient Tamil script detection in palm leaves.

Fund Trail Analytical Tool, Kavach-2023

March 2023 – Present

- working on an analytical tool that will be capable of AutoML to various Bank statements
- we are using sota algorithms for clustering and ANOMOLIB for Anomaly detection
- The Webapp will be powered by Django & PostgreSQL, capable of complex visualizations.

Elephant detection in rail tracks and smart Image notification via whatsapp

April 2022 – July 2022

- Developed an Elephant detection system using yolov5 implemented using cctv cameras deployed on cloud (AWS) that can send Image notification via whatsapp, demonstrated my project to District forest officer coimbatore and to Cognizant technology solutions(CTS) coimbatore in person

Review classification, NLP project

Jan2022 – march 2022

- Using NLP to classify the review of customers on basis of positive, neutral and negative
 - All basic preprocessing steps like removing stopwords, lemmatization, removal of symbols and bag of words for visualization, vectorization and frequency calculation were made and implemented the model.
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LANGUAGES KNOWN

- **English**-full professional proficiency.
 - **Tamil**-full professional proficiency.
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OTHERS

- I freelance on writing technical paper (literature survey & (ML/DL project + paper))
 - I'm a paid student trainer for my juniors in college.
 - I'm currently learning end-to-end-MLOps project workflow, Rust, and also ChatGpt plugin integration.
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