

# SUBBURI DHEERAJ VARMA

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## SKILLS

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**Programming Languages:** Expert in Python (NLTK, TensorFlow, PyTorch, Keras, Scikit-learn, NumPy, Pandas, Matplotlib, Seaborn), SQL and JavaScript.

**Technologies:** Skilled in Deep Learning, Transformers, Contrastive Learning (CL), Generative AI (LLMs), Computer Vision (CV), Natural Language Processing (NLP) and frameworks like Hugging Face and OpenCV.

**Cloud & DevOps Tools:** Proficient in AWS (EC2, S3, Lambda), with experience in Docker and Git.

## PROJECTS

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**Using NVIDIA Jetson and computer vision, building a paddy image classification model, (CV)** January 2025 -Present

- Using the paddy diseases dataset I have build a model using MobileNetV2 and implementing into the Nvidia jetson orin nano

**Created a system for generating and refining educational content tailored to a specific subject and grade level(AI/NLP)** January 26<sup>th</sup> 2025- January 30<sup>th</sup> 2025

- This will create lecture guides for instructors, including objectives, materials, procedures, assessments, quiz questions, and fun gags to engage students.

**Created a Fashion trends platform.**

January 2025 -Present

- The Fashion Trends Platform helps users stay updated on the latest trends, get personalized outfit ideas, find local and online shopping deals, and explore events or job opportunities in the fashion industry.

## EDUCATION

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**Indian Institute of Information Technology, Dharwad – Karnataka, Dharwad**

**Bachelor of Technology in Computer Science and Engineering (BTech CSE) – GPA: 6.73/10.00 (Up to -3<sup>rd</sup> Year)**

- Relevant Courses:** Data Structures and Algorithms, Cloud, Artificial Intelligence, Machine Learning Software Development, Backend, Computer Vision, Parallel computing.

## AWARDS AND CERTIFICATIONS

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**Internship Training certification by Internshala**

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|--------------------------------------|---|
| • <b>Machine Learning</b>            | - April 17 <sup>th</sup> 2024 – May 12 <sup>th</sup> 2024 |
| • <b>Data Science</b>                | - May 15 <sup>th</sup> 2024 – May 30 <sup>th</sup> 2024   |
| • <b>SQL For Data Analytics</b>      | - Oct 26 <sup>th</sup> 2024 – Dec 12 <sup>th</sup> 2024   |
| • <b>Natural Language Processing</b> | - Jan 3 <sup>rd</sup> 2025 - Present                      |
| • <b>Generative AI</b>               | - Jan 11 <sup>th</sup> 2025 - Present                     |

**Scored 94.5 %tile in Jee Mains**

-Sep 15<sup>th</sup> 2022