

# Ajay B V

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## OBJECTIVE

Looking a challenge in a dynamic environment where I may further develop my skills, gain hands-on experience, and make contributions to meaningful projects. Eager to utilize my expertise and versatility to find solutions to real-life issues while remaining committed to learning and personal development.

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## SKILLS

- Programming Languages: Python, C, Java
  - Frameworks & Libraries: TensorFlow, Keras, PyTorch, scikit-learn, pandas, NumPy, Matplotlib, Seaborn
  - Machine Learning: Linear regression, logistic regression, feature engineering, data preprocessing
  - Deep Learning: Convolutional Neural Networks (CNN), image and video preprocessing, LLM, NLP
  - Tools: SQL , Power BI, Microsoft Excel
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## WORK EXPERIENCE

### Accolade tech solutions

#### Data science Intern

May 2024 - June 2024

Created Plant classifier on leaves, Predictive Deep Learning Model

- Developed and trained a Python-based machine learning model to classify plant species taking images of leaves as input. Used image recognition and classifier algorithms to get accurate species predictions.
  - Tools/Frameworks Used: Python, Scikit-learn, TensorFlow, Keras.
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## PROJECTS

### Comprehensive Deep Learning Model for Multi-Organ Disease Detection

[GitHub Link](#)

Developed a deep learning model using VGG16 for detecting brain tumors, lung cancer, breast cancer, oral diseases, and heart disease.

- Trained and tested models using X-ray, MRI, and CT scan images in Jupyter Notebook and pycharm.
- Deployed the trained models .h5 using Streamlit for an interactive web interface.
- Improved disease detection accuracy through feature extraction and classification.

### HR Analytics Dashboard Using Power BI

[GitHub Link](#)

- Designed an interactive Power BI dashboard to analyze employee attrition, salary, age, and job role data.
  - Provided key insights to help HR teams improve employee retention and workforce planning.
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## EDUCATION

### Srinivas University Institute Of Engineering And Technology

Pursuing B Tech in Artificial Intelligence And Machine Learning (2021 - 2025)

CGPA: 8.80

### Don Bosco PU College

PUC (PCMB) (2019 - 2021)

Percentage: 77

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## CERTIFICATIONS

- [Hands-on deep learning on ANN](#)
  - [Crash course in machine learning](#)
  - [Artificial intelligence and Python](#)
  - [AMCAT](#)
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## ACCOMPLISHMENTS

- Served as a Student Placement Coordinator.
- Headed AI/ML and CS/CF as a Branch Coordination : Led the coordination efforts for the AI/ML and CS/CF branches during the TechYuva National Fest.
- Skilled in drawing and painting, with the ability to create attractive and detailed artwork.
- Rajya Puraskara award in scouts
- Graduated in abacus