

ADITYA U BALIGA

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OBJECTIVE

Machine Learning Engineer who would love to join a team and start creating

EDUCATION

B.Tech CSE, Indian Institute of Information Technology, Kottayam Nov 2022 - July 2026
Relevant Coursework: DSA, DBMS, OS, Computer Organisation CGPA: 8.57

Senior Secondary, Saraswati Vidyaniketan Public School, Kochi Grade: 9.4

Intermediate, Toc H Public School, Kochi Grade: 9.6

SKILLS AND CERTIFICATIONS

Languages Python, C++, Dart, Java / HTML, CSS, JS, PHP

Frameworks/Libraries PyTorch, Flutter, Pandas, Matplotlib

Tools Git, MySQL, MongoDB

Certifications:

[Machine Learning Specialization](#)

Coursera / Andrew Ng / Stanford

[IoT Platform and Programming Essentials](#)

TUM Munich / AIC IIIT Kottayam

PROJECTS

- **Plant Disease Identification** Dec 2023
PyTorch, Pandas, Matplotlib, NumPy
 - Identified problems, and procured and preprocessed data using ML techniques
 - Employed CNNs to build a model which can detect plant diseases from early stage images
- **Fashion MNIST Prediction model** Sept 2023
PyTorch, Pandas, Matplotlib, MNIST
 - Used Convolutional Neural Networks to take an image of a clothing item and predict its category
 - Dataset procured from MNIST website
- **Personal Portfolio Website** Sept 2023
Django, SQLite, HTML, CSS, JS, PHP
 - Personal website to document all my projects and work
 - Includes attractive animation, contacts, blogs, authentication system
- **Belkace - Discord bot application** May 2021
Python, Discord.py, Flask, Threading
 - App implementing various frameworks and APIs
 - Includes Wiki searches, integrating Youtube, Weather information, Google searches
- **Ballad's Bulletin** Dec 2023
Flutter, Dart, NewsAPI
 - A news aggregator app built using Flutter and NewsAPI
 - Features categorywise filters, search bar and light/dark modes

LEADERSHIP, COMMUNITY AND INTERESTS

- **Placement Cell Coordinator** at IIIT Kottayam August 2023
- **Sublead** of **Fashion club** and **Manga club** IIIT Kottayam October 2023
- **Interests:** Guitar, Football, Indie Music