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

- **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

- **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

LEADERSHIP, COMMUNITY AND INTERESTS

- **AI/ML Club Mentor** at IIIT Kottayam — January 2024
- **Placement Cell Coordinator** at IIIT Kottayam — August 2023
- **Interests:** Guitar, Football, Indie Music