

# ADITYA U BALIGA

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## OBJECTIVE

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

## EDUCATION

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<b>B.Tech CSE</b> , Indian Institute of Information Technology, Kottayam	Nov 2022 - July 2026
Relevant Coursework: DSA, DBMS, OS, Computer Organisation	CGPA: 8.84
<b>Senior Secondary</b> , Saraswati Vidyaniketan Public School, Kochi	Grade: 9.4
<b>Intermediate</b> , Toc H Public School, Kochi	Grade: 9.6

## SKILLS AND CERTIFICATIONS

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<b>Languages</b>	Python, C++, Java / HTML, CSS, JS, PHP
<b>Frameworks/Libraries</b>	PyTorch, Django, Pandas, Matplotlib
<b>Tools</b>	Git, MySQL, MongoDB
<b>Certifications:</b>	
<a href="#">Machine Learning Specialization</a>	Coursera / Andrew Ng / Stanford
<a href="#">IoT Platform and Programming Essentials</a>	TUM Munich / AIC IIIT Kottayam

## PROJECTS

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- **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
- **Typing Speed Calculator** Dec 2021  
Python, Pygame, MySQL
  - GUI application that calculates the typing speed of a user and stores it in a database
  - Leaderboard and Sounds are implemented

## LEADERSHIP, COMMUNITY AND INTERESTS

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