

Aswin Pradeep C

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ABOUT ME

A pre-final year undergraduate student with experience in using a variety of technologies, including WordPress, Docker, Nginx, Bash scripting, Node.js, C, C++, Java, React, Django, TensorFlow, and Digital Fabrication.

WORK EXPERIENCE

Backend Engineer -Lamsta

May 2023 - Present

As a Backend Developer at Lamsta, I focused on EventsRadar platform. Enhanced user experience through event listings. Specialized in keeping users informed on programs of interest. Created APIs with Django Rest Framework.

Intern - Fablab CUSAT

June 2022 - July 2022

Intern at FabLab CUSAT. Trained in machine use and design software in week one. Executed real projects for clients in subsequent weeks.

Organizer

CEO - IEDC CUSAT, Make-A-Ton 5.0 and Make-A-Ton 6.0, Campus Lead - TinkerHub SOE, Chair - YUVA CUSAT

PROJECTS

Strabismus Detector

An end-to-end ML project to let people test for strabismus (squint-eye) and recognize the type of condition. The image classification model was made with TensorFlow. The backend was created with FastAPI, and the frontend with React.

Take Rest

Eye monitoring system for people with high screen time. Take-rest is a Python program that utilizes OpenCV to count the number of blinks by the user and encourages them to take regular breaks, reducing the risk of Computer Vision Syndrome (CVS).

BiblioBazaar

Bibliobazaar is an e-commerce book-selling website developed using Django, designed to provide a seamless experience for buying and selling books online. Published as an open-source project with an MIT license, the project was aimed at enabling small shop owners to have an online space of their own.

SKILLS

Web Development	Familiar with a lot of frameworks like Django, FastAPI, Flask, Express, React and Wordpress.
Machine Learning	All college electives related to ML has helped me learn about theory behind AI ML. I have also done a few projects with TensorFlow.
Digital Fabrication	Learned 3D designing, printing and other fabrication methods along with some electronics as a passion project during first year.
Leadership	Active in all tech communities in college and active organizer in tech events.
Linux	Linux enthusiast. Have used AWS to deploy projects.

ACHIEVEMENTS

First Prize - Summer Startup Festival Project Expo

June 2023

Winner of the First Prize at the Summer Startup Festival 2023, organized by GEC Thrissur, for the Item Project Expo.

EDUCATION

2021 - present	B.Tech at Cochin University Of Science and Technology	
2021	Class 12th CBSE	
2019	Class 10th CBSE Board	97%