# 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.

Website : aswin.radr.in

## 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**                                                                         github

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**                                                                                   github

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**                                                                                github

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

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|---|---|
| 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

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