

# Vaisakh R Nair

Python Backend Developer

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## Education

### B.Tech in Computer Science and Engineering

2021 - Present

### College of Engineering Chengannur

Relevant coursework: DBMS (relational databases), DSA, Programming in Python

## Projects

### ForceGo: Assistive Software for Visually Impaired Users

#### Python-Based Project

- Developed for the Blindness Association to assist visually impaired individuals in using personal computers effectively.
- Features accessible navigation and text-to-speech support.

### Training and Placement Cell Website

[GitHub Link](#)

#### Mini Project

- Designed and developed a website for the Training and Placement Cell (TPC) of our college.
- Built using a Django-based backend and PostgreSQL for database integration.

### House Price Prediction

[GitHub Link](#)

#### Machine Learning Project

- Completed a machine learning course using Seaborn and other related libraries.
- Built a model to predict house prices based on various features.

## Volunteering

### Technical Lead

#### IEDC Bootcamp CEC

Mar 2024 - Present

- Mentored 100+ students in the domains of Basics of Premiere Pro editing software, C programming, and Python programming.
- Organized over 40+ events including an All Kerala event - Exodia, attended by 180 students from all over Kerala.

## Director

### CECify - Alumni Relationship Cell CEC Initiative

July 2023 - September 2024

- Managing and directing a multidisciplinary team of over 20 members in CECify, overseeing divisions including creative, marketing, content, design, and others.
- Directed 2+ seasons of CECify podcasts, producing a total of 10+ episodes.
- Organized and coordinated the Grand Alumni Meet 2023, a successful 2-day event.

## Technologies

- **Languages:** Python-Django, C, SQL, PgSQL
- **Frameworks/Tools:** Django, REST API
- **Software:** Visual Studio