



Dhruv Shah

Backend Developer

A tech enthusiast who is passionate about developing applications that solve real world problems

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EDUCATION

Bachelor's of Technology in Computer Science Engineering

Vellore Institute of Technology, Vellore

09/2021 - Present

CGPA - 8.5

Higher Secondary School

Delhi Public School, Bangalore North

06/2019 - 06/2021

Percentage - 96.6%

WORK EXPERIENCE

Backend Development Intern

Fischer Jordan

09/2022 - Present

Remote

Achievements/Tasks

- Designing and building an internal Knowledge Management dashboard.
- Worked using **Django Rest Framework**, **PostgreSQL** and **AWS** on a **docker** based containerized environment, improving scalability and ensuring seamless deployment across different environments.
- Used **Celery** for setting up periodic and asynchronous tasks, improving the efficiency of the system.
- Reduced time and code complexity of the **main algorithm** of the API by developing a **new** and more **efficient algorithm**.
- Integrated **Google APIs** like identity services API, Google Drive API and Google Docs API.
- Collaborated with the frontend team to guide and assist them in their work and conducted regular meetings with analysts to gather feedback, add new features, and address user requests.

ORGANIZATIONS

Google Developer Student Club (03/2022 - Present)

Manager and backend developer - Helped in organizing various hackathons such as **womentechies'22** and **'23**, to **promote women** participation in tech. Rewrote the backend for **vitty**, a crossplatform timetable app with over **20,000+ active users**. Conducted two tech workshop sessions to teach college students about **RestAPIs**.

CodeChef - VIT chapter (03/2022 - 12/2022)

Technical core committee member - Built the frontend for a **pseudocode to code** converting website.

IEEE - VIT chapter (03/2022 - Present)

Technical core and Outreach team - Reached out to various tech communities to gain attraction for our techloop sessions, which help to inspire and teach latest technologies to interested individuals.

SKILLS

Django

Go

FastAPI

Python

SQL

Docker

AWS

Typescript

React

Flask

Javascript

HTML

CSS

C++

C

Numpy

Pandas

Matplotlib

Git & Github

PERSONAL PROJECTS

Mou (11/2022 - Present)

- Full stack API and website for content management and personal blog written in **Go** and **React**, using **Google identity services API** for authentication, **JWT for authorization** and **Google drive API** for backing up and storage of static data which allows users to comment and reply to blogs, deployed on **AWS EC2** and **Netlify**.
- **Tech stack** - Go, Fiber, Gorm, PostgreSQL, React, Typescript.
- **Tools used** - git, github, docker, AWS, Google APIs, Netlify.

Chitros (07/2022 - 08/2022)

- Social media backend API, with functionalities to **view feed**, **post pictures**, **search** and **follow** friends, **unfollow**, **like**, **comment** built using FastAPI.
- **Tech stack** - Python, FastAPI, PostgreSQL, sqlalchemy.
- **Tools used** - git, github, docker, alembic, heroku.

Vitty backend (11/2022 - Present)

- Rewrote the backend API in **golang** for **Vitty**, a cross-platform timetable app, with push notifications that reminds users to attend classes, with **20,000+ active users**. Also added additional functionalities like **authentication**, **authorization** and ability to **add friends** and view their timetables.
- **Tech stack** - Go, Fiber, Gorm, PostgreSQL.
- **Tools used** - docker, git, github.

iCoder (02/2022 - Present)

- Portfolio website and a personal blogging full stack application built using Django.
- **Tech stack** - Python, Django, HTML, CSS, Javascript, JQuery, Bootstrap.
- **Tools used** - git, github.

ACHIEVEMENTS

Sponsored Track winner in Devspace '22 (04/2022 - 04/2022)

Me and my team the first prize in the **syml.ai** sponsored track for our **voice-assisted AI desktop terminal application** among **1000+** participants.