

# DHRUV SHAH

📍 Bangalore, India | 📞 +91 7349565553 | ✉️ dhruvshahrds@gmail.com

🌐 linkedin.com/in/Dhruv9449 | 🐙 github.com/Dhruv9449 | 🌐 dhruvshah.live

## SUMMARY

Junior year computer science engineering student with over a year of internship experience in Backend development using Django and Golang. Seeking full-time internship position in Backend development during the period of August to December 2023

## EDUCATION

<b>B.Tech, Computer Science Engineering</b>	Sept 2021 - Present
Vellore Institute of Technology, Vellore	8.55 CGPA
<b>Higher Secondary School</b>	June 2019 - May 2021
Delhi Public School North, Bangalore	96.6%

## TECHNICAL SKILLS

**Programming languages:** Python, Go, SQL, TypeScript, JavaScript, C++, C, Java, HTML, CSS,  
**Frameworks and Libraries:** Django, Django rest framework, FastAPI, Fiber, Gin, React, Vue, Flask, Numpy, Pandas  
**Tools and Services:** Git, Github, Docker, Linux, Amazon Web Services, Google APIs, OpenAI API

## EXPERIENCE

<b>Engineering Intern</b>	April 2023 – Present
<b>BalkanID</b>	Remote, Texas

- Build entitlement extractors for various apps using **Golang** and their migration to the main app and the CLI.
- Worked with the CI/CD pipeline using **github workflows**, **AWS - ECR, S3** and **ArgoCD**


<b>Backend Development Intern</b>	Sept 2022 – Present
<b>Fischer Jordan</b>	Remote, New York

- Designed and build an internal Knowledge Management dashboard.
- Worked using **Django Rest Framework**, **PostgreSQL** and **AWS - EC2, S3** 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 3rd party APIs **Google APIs** like identity services API, Drive API and Docs API and **OpenAI API**.
- Implemented various features like **version-control**, **review-approval system**, **comments** and **multi-level search**.
- Worked on building automated CI/CD pipeline for multi-instance deployment of the application
- 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.


## PROJECTS

<b>Vitty</b>	Nov 2022 - Present
VIT timetable app with social features and widgets.	🐙 Github

- 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**.
- Build the **v2** with additional functionalities like Oauth2 authentication, authorization and ability to add friends and view their timetables and a CLI for admin management.
- **Tech stack** - Go, Fiber, Gorm, PostgreSQL.
- **Tools used** - Docker, Git, Github.

**Mou** Nov 2022 - Jan 2023  
Full stack API and website for content management and personal blog.  Github

- 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** July 2022 - Aug 2022  
Social media backend API that mimicks Instagram's functionalities.  Github

- Built functionalities to **view feed, post pictures, search** and **follow friends, unfollow, like** and **comment** built using **FastAPI**.
- **Tech stack** - Python, FastAPI, PostgreSQL, sqlalchemy, alembic.
- **Tools used** - Git, Github, Docker, Heroku, Railway.

## EXTRA CURRICULAR

**Google Developers Student Clubs** Mar 2022 – Present  
Manager and Backend developer

- Rewrote and Build the v2 of **project Vitty**, a cross platform timetable and social app with over **20,000+ active users**.
- Build the backend API for the student welfare website of VIT using Django and DRF.
- Mentored and developed serveral tech projects.
- Worked as the **Technical POC** for **DeconstruCTF'23**, the CTF event organized by the club, handling hosting of challenges and flow of event.
- Helped in organizing various hackathons such as **womentechies'22 and '23**, to **promote women participation in tech** and the flagship hackathon **Devjams'22**.
- Conducted **tech workshop sessions** to teach college students on topics like **RestAPIs, Git** and **Github**.

**IEEE - VIT chapter** Mar 2022 – Present  
Technical Core and Outreach team

- Contributor on the Hacktoberfest'21 repository.
- Reached out to various tech communities to gain attraction for our techloop sessions, which help to inspire and teach latest technologies to interested individuals.

**Codechef - VIT chapter** Mar 2022 – Dec 2022  
Technical Core Committee Member

- Built the frontend for a **pseudocode to code** converting website

## ACHIEVEMENTS

**Sponsored Track winner in Devspace '22** April 2022  
Me and my team the first prize in the symbi.ai sponsored track for our voice-assisted AI desktop terminal application among 1000+ participants.

**Hands on tech session on RestAPIs** Jan 2023  
Conducted a tech session on RestAPIs, for college students, explaining the working of Restful APIs, Statelessness, HTTP methods, status codes, query and path parameters using FastAPI.

**Tech session on Git and Github** May 2023  
Conducted a tech session on Git and Github, for college students, explaining version control, various git commands, remote repos on github, forking, issues and PRs.