

Dushyant Yadav

CS SOPHOMORE

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Education

BITS Pilani

Pilani, India

BACHELOR OF ENGINEERING (HONS) IN COMPUTER SCIENCE, CGPA: 7.93/10.00

May 2022

- **Course Work** - Data Structures and Algorithms | Database Systems | Object Oriented Programming | Logic in CS | Discrete Mathematics for CS
- **Extra Curricular** - ACM SIG-lectures instructor | Writer at Oasis English Press | Back-end developer at DVM (The college's technical team)

Experience

BITS Pilani

Pilani, India

COURSE INSTRUCTOR

Jan. 2020 - Present

- Designed and taught an official 22-lecture course on back-end development to students of BITS Pilani.

GoLuggageFree (Startup)

Delhi, India

SOFTWARE DEVELOPER AND SYSADMIN

Sept 2019 - April 2020

- Developed the back-end service (using Express, GraphQL and MongoDB) that powers the company's android app and serves 1600+ customers.
- Integrated above mentioned service with Hubspot CRM, making it easier for business developers to manage customers.
- Automated the deployment of above mentioned service using Docker, git hooks and Sentry.
- Co-developed the first release of the company's android app on React Native.

Pepper Content

Pilani, India

SOFTWARE DEVELOPMENT INTERN

May. 2019 - Aug. 2019

- Designed and developed a REST API for a concept app called 'Charcha' (Instagram for voice).
- Contributed to the development of the cross platform app 'Charcha' (on Flutter).

Projects

UniversalCMS

- Used Django and React to develop (with one other teammate) a content management system that can integrate with almost any 'static' website.
- This CMS was adopted by BITS Pilani University for its official website

DVM Wallet

- Co-developed the back end API for the official mobile app of BITS Pilani's fests using Django.
- 6000+ students used the app to add money, purchase food and tickets, transfer money, view events and rate food items at fest stalls.

Epirisk

- Taught myself GoLang and Cypher and developed a service that can be used for contact tracing during pandemics to slow down disease spread.
- Integrated this service with Google PubSub to stream real-time anonymous patient data for research purposes.
- Used Neo4j for fast graph-based queries required for contact tracing.

Push-based Network State Monitoring

- Implemented a push based system (to replace an existing polling-based system) to collect state of network switches.
- This project was a study-oriented project under Prof. K. Haribabu at BITS Pilani.

Skills

Languages *Advanced:* JavaScript, Python, GoLang | *Intermediate:* C++, C, SQL | *Basic:* Shell, Dart, Java, CSS
Technologies *Advanced:* Django, Express | *Intermediate:* GraphQL, React, Docker, MongoDB, MySQL, Neo4j | *Basic:* Kubernetes, Ansible

Additional Details

Spoken Languages *Native proficiency:* Hindi | *Professional proficiency:* English

Achievements KVPY Scholar 2018 | All India Rank 748 in JEE (Advanced) 2018

About Me

I'm a curious little CS sophomore looking to create impact with what I learn. I don't really care what I'm learning as long as I'm learning something - be it software development, cooking or even digital music production. I hop tech-stacks for fun and am always looking for something new to challenge myself with.