

Vivek Sharma

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EDUCATION

BTech.Dr.Akhilesh Das Gupta Institute of Technology and Management

Delhi, India | Jun 2018-22

GURU GOBIND SINGH INDERPRASTHA UNIVERSITY

Specialization: Electronics and Communication Engineering

CGPA: 7.8/10 (till 6th Semester)

CourseWork: Data Structures and Algorithms, Operating Systems, Database Management Systems, Mobile Computing

WORK EXPERIENCE

PROGRESS | SOFTWARE DEVELOPMENT ENGINEER INTERN

Banglore, India | April 2022 – Present

- Currently working and learning Golang, Angular and Chef product of the organization.

KOWI | PYTHON DEVELOPER INTERN

New Delhi, India | Oct.2021 - Dec. 2021

- Was part of 5 member back-end development team of the app **Kowi Lifestyles**.
- Developed and Implemented several API based on Django **REST Framework** and maintenance of the API as well.
- Developed web socket using **Django channels** and multi threading for the notification purpose on the app
- Implemented **celery** in Django for email scheduling for the employee management website of the organization
- Developed and Implemented the **Elastic Search** for the searching purpose of the user interface of the app.
- Use to update the changes on the back-end code base on Digital ocean and AWS as well
- **Technology Used** : Django, Python, Digital Ocean, Linux, PostgreSQL, Web Sockets

PROJECTS

ANIME RECOMMENDATION SYSTEM 

PYTHON, DATA-SCIENCE, ML, NLP, FLASK

A Recommendation System created using Content Based Filtering in Machine Learning and deployed on website using Flask such that the website can be helpful in searching through our favorite anime.

STEAM-CLONE 

JAVASCRIPT, ANGULAR, TYPESCRIPT

A steam like clone with the Database of the famous games all round globe and description of that as well using Angular. Used the angular for the all the navigation's and routing purposes and sorting based on type is also implemented. The Data is being fetched using RAWG Public API.

REAL TIME CHAT APPLICATION 

PYTHON, DJANGO, BOOTSTRAP, WEB-SOCKETS, CHANNELS, REDIS

Created Real Time room based chat application in which the user from both the ends enter the same room code and can chat online easily. If the room is left from both the end and then both the user rejoin all the old messages can be seen.

NETFLIX RESTAPI CLONE 

JAVASCRIPT, NODEJS, EXPRESJS, MONGODB

A restapi based netflix backend clone using Nodejs framework with the CRUD functionality for user login and register and hashing of the same using crypto-js. Same CRUD application for Movies and its data. Created a special functionality of giving out lists of genre of the movie or series selected.

INSTAGRAM REST API 

PYTHON, FASTAPI, RESTFRAMEWORK

This is FastAPI based backend application which have authentication of user, Login, Logout system, Creating Post and Updating it and Commenting on it Post

SKILLS

Languages: C++, Python, Latex, Java(Basic)

Frontend: Angular, JavaScript, TypeScript, HTML/CSS, Tailwind CSS, Bootstrap, J-Query, Bulma

Backend: Django, Golang, Flask, Node.js, Express.js, FastAPI

DBMS: SQLite, MongoDB, PostgreSQL, MySQL

Core: CS Fundamentals, DBMS, System Design, Operating Systems

Tools: Git, GitHub, MacOS, Linux, Devops