UTKARSH GAUNIYAL

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EDUCATION

Bachelor of Technology in Electronics and Communications, GGSIPU   2019 - 2023

EXPERIENCE

Python/Back End Developer   Aug 2021 - Sept 2021
Neolen — Work From Home

- Architected an Olympiad Web Application using **Django** and **Vue.js**, designed for nationwide utilization. Employed **PostgreSQL** for efficient data storage and retrieval via **Django**.
- Engineered a Quiz Application utilizing **Django** and **AJAX**, serving as a practice platform for Olympiad participants.
- Remedied a critical issue in the Multiple-Choice Question (MCQ) Quiz Application, addressing the potential for unfair means during quizzes by refining the selection of multiple options.
- Utilized **Selenium** for web scraping to collect data from online sources, facilitating its integration into a Cricket Prediction Application.

Google Code-In   Dec 2017 - Jan 2018
Google — Work From Home

- Developed and rigorously tested **npm** packages, ensuring cross-compatibility across various operating systems and environments.
- Acquired valuable insights into Open Source Software (OSS) ecosystems, expanding knowledge and skills in collaborative development practices.

PROJECTS

Spring Boot Chat App - Developed a robust chat application using **Spring Boot** and **WebSocket**. The app allows users to register, create, update, and join channels, incorporating email verification for secure authentication. Users receive unique authentication tokens upon login. Real-time messaging enhances group discussions. Implemented a weekly email notification system using **Quartz** to update users on the top 10 trending channels. The application's data is efficiently managed with **PostgreSQL** as the database. This project demonstrates expertise in full-stack development, emphasizing seamless user experiences. (GitHub)

Recipe App API - Crafted a web application with **Django** and **Django Rest Framework** to empower users in searching and saving their favorite recipes. Leveraging the capabilities of **PostgreSQL** and employing **Docker** for scalability, the project provides a robust RESTful API for interacting with the recipe database. (GitHub)

CineSync - Engineered a sophisticated movie management and ticketing platform using **Django** and **Bootstrap**. CineSync delivers a seamless user experience, boasting robust CRUD functionality for efficient movie data management. Implemented an integrated ticket purchasing feature within the platform, augmenting user convenience. Leveraged **Razorpay** as the secure payment gateway to facilitate swift and reliable transactions. Upon successful payment, users receive an instantaneous order payment receipt. This integration enhances the overall user experience by harmoniously amalgamating movie tracking and ticket purchasing, providing a unified solution for cinephiles. (GitHub)

cmdgoogledb - Designed a Python project utilizing **BeautifulSoup** for web scraping Google search links. The project not only displays Google search results in the terminal with short URLs but also optimizes data storage by storing these short URLs in a **database**. (GitHub)