

# UTKARSH GAUNIYAL

+91 9811721537 ◇ Delhi, India

[ugauniyal@outlook.com](mailto:ugauniyal@outlook.com) ◇ [LinkedIn](#) ◇ [Github](#) ◇ [LeetCode](#)

## 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

---

**PDF-Generator** - PDF-Generator is a full-stack project using **Next.js**, **Express.js** and **MongoDB** for dynamic PDF manipulation. The intuitive frontend allows easy PDF uploads and page selection. The robust **Express.js** backend handles authentication using JWT, file management, and precise page extraction via API endpoints. Rigorous testing with **Jest** and **Supertest** ensures reliability. Demonstrates expertise in creating an efficient PDF manipulation platform. ([GitHub](#)) ([Website](#)) ([REST API](#))

**Anime Chart** - Developed an Anime Hierarchy Chart employing **React** and **Neo4j**, utilizing **Axios** for seamless data retrieval from the Neo4j database. Established multiple intricate relationships between characters to create a comprehensive representation. Employed **Express.js** as the backend framework, enabling the creation of characters and relationships, and designed **RESTful** APIs for efficient data retrieval and posting. This project showcases the fusion of frontend React technologies with Neo4j's database capabilities, coupled with Express.js for robust backend functionality. ([GitHub](#))

**AutoResponderMail** - Utilized **Node.js** with **Gmail API** integration to automate email responses during absence. Implemented authentication with Google **OAuth2** for secure access. Identified and responded uniquely to initial threads from external senders. Managed email labeling and movement within Gmail through API functionalities. Scheduled random intervals (45-120 seconds) for responsive handling of incoming emails. Demonstrates expertise in API integration, email automation, and asynchronous programming. ([GitHub](#))

**CommunityNest** - Leveraged **Node.js** and **Express.js** to build a Community Management System. Employed **PostgreSQL** as the database, integrated with **Sequelize ORM** for robust data modeling. Implemented user authentication and authorization functionalities utilizing **JWT** tokens for secure access to APIs. Designed APIs adhering to RESTful principles for community creation, user management, and moderation activities. Incorporated various modules such as authentication, community creation, and member management. Demonstrates proficiency in backend development, database management, and API design. ([GitHub](#))