Anant Kumar Srivastava

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Carrer Objective

To get an opportunity where I can make the best of my potential and contribute to the organization's growth.

Education

Year	Degree/Examination	Institute/Board	CGPA/Marks(%)
2023	B.tech/Electronics & Communication Engineering	Dr. A.P.J. Abdul Kalam Technical University	75.0%
2019	12th	Allahabad Public School (C.B.S.E)	57.4%
2017	10th	Kendriya Vidyalaya Sangathan(C.B.S.E)	83.0%

Professional Experience

SME(Subject matter expert) at TATA TECHNOLOGIES **May 2024-July2024**

Interships

Internship on Python core and OOPs and Exception handling

Internship on C ,C++ and basic data structure from INEURON

Internship on Basic python and Machine learning from APTRON.

Projects

ECOMMERCE API
(Self project)
- Developed a full-featured REST API for an e-commerce platform using Django Rest Framework, including 8 models with complex relationships such as products, categories, carts.
- Implemented CRUD operations using class-based views and model serializers
- Using **SQLITE** as Database
- Integrated JWT authentication to secure API endpoints, ensuring only authorized users can access protected resources.
- Using **Postman** testing **API endpoints** by sending various types of HTTP requests (GET, POST, PUT, PATCH, DELETE) and inspecting the responses
- **Key Technologies**: Django, DRF, JWT Authentication, SQLite, Postman, Python

TWEET application
(self project)
- Developed a **tweet application** in Django including 2 models tweet and User.
- Create **Register form** using **User creation form** and create tweet form using **Modelform.**
- Implementing CRUD operation using function based views.
- Use **SQLITE** as database
- Integrated **Basic user authentication** in this project such as register, login, logout.
- Using Bootstrap framework and django templating language in frontend.

- **Key Technologies:**Python**,** Django, SQlite, Bootstrap.

Agricultural pesticides spraying drone using arduino **July 2022 - April 2023**

(Course project) | (Prof. Ravi Shankar, Dept. of ECE, BBDITM)

- A prototype model quadcopter drone used for spraying pesticides to farms as wells as spraying disinfectants.
- Hardware used - MPU 6050 (accelerometer, gyroscope), Flysky CT-6B transmitter and reciever (6 channels), BLDC (Brushless direct current motor), ESC(electronic speed controller), 3C LIPO battery.
- Software used - Arduino IDE.

Electricity bill generation project using c language

Feb, 2022

(Self project)

- In this project, we are going to calculate electricity bill when user enters electricity unit consumption using switch case statement according to given conditions.
  For the first 50 units Rs. 0.50/unit
  For the next 100 units Rs. 0.75/unit
  For the next 100 units Rs. 1.20/unit
  For units above 250 Rs. 1.50/unit
  An additional surcharge of 20% is added to the bill.
- Software used - Visual Studio.

Skills

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- Programming Languages: Python core and OOPS, C, Basics of C++,
- Framework: Django, Django Rest Framework
- Web Technologies: HTML, CSS
- Database: MySQL, SQLite
- Basic knowledge of data structure
- Version control: Git
- Developer Tools : Visual Studio, Postman
- Operating system: Windows, macOS
- Languages Known : English, Hindi

Extra curricular activities

Participated in flipkart GRid 4.0

Participated in logo competition during college fest