

DRISHTANT RAI

ACADEMIC PROFILE

Degree/Certificate	Institution	Percentage/CGPA	Year
IDD	Mining Engineering IIT (BHU), Varanasi	8.42	2024
CBSE (XII)	Sant Atulanand Residential Academy	90.00	2019
CBSE (X)	Sant Atulanand Residential Academy	95.00	2017

SKILLS

Programming Languages : Python, C++, Javascript, SQL, Bash.

Web Development : HTML5, CSS3, Bootstrap, React, Django, REST Framework.

Machine Learning : Numpy , Pandas, Matplotlib, Seaborn, Scikit Learn, Keras & Tensorflow.

Other Tools & Technologies : Git, Data Structures & Algorithms, Object Oriented Programming, Jupyter, Postman.

Area of Interest : Cricket, Geopolitics, Digital Art & 3D Design, Music.

PROJECTS

Software Development Intern/Project - Layerfive

- Built a scalable system using python for the customer to automatically integrate the Shopify account into the client database and install client trackers into the customer's Shopify account.
 - special attention was given to automate integration of facebook ads and google ads
- Implemented a scalable system for collecting user data from Shopify and Gorgias.
- Developed a scalable set of APIs using Django to fetch user data from the client database after OAuth authentication.
- **Exposure** : Django , REST Framework, PostgreSQL, Shopify

iDroidOS

June 2020

- **Blog Web Application**
 - Developed a web application for writing Tech related blog using **Django** Framework.
 - Implemented role-based authentication for 2 different roles : **Writer** and Reader
 - **Features** : Create Post (Admin Only), Comments, Register and Login.
 - **Exposure** : Python, Django, HTML5, CSS, Javascript, Bootstrap4.
 - **Deployment Link** : [iDroidOS](#) , **Source Code** : [Github](#)

Store Management Software

- Store Management System is a software that keeps track of all the transactions and generates a bill for all the purchased goods.
- Feature to track the inventories, products, sales, etc.
- Developed the desktop gui using Tkinter framework.
- **Exposure** : Python, Tkinter, OOPs, sqlite3. **Source Code** : [Github](#)

Data Science Projects

- **Finance Data Projects**
 - Analysed bank stocks and see how they progressed throughout the financial crisis all the way to early 2016.
 - Exposure : Python, Pandas, Numpy, Matplotlib & Seaborn.
 - Source Code : [Github](#)
- **Disease Detection Model**
 - Analysed and trained a **Deep Learning** to detect the infected cell and thus the disease.
 - Exposure : Keras and Tensorflow, Pandas, Numpy, Matplotlib & seaborn
 - Source Code : [Github](#)

HONOURS AND ACHIEVEMENTS

- **Specialist** rated at Codeforces (max. rating 1596)
- **5 star** at Codechef (max rating 2028)

EXTRA-CURRICULAR ACTIVITIES

Student Volunteer at VVM

Volunteered for National Camp of **Vidyarthi Vigyan Manthan** organised by **Vijnana Bharati (VIBHA)** in association with Vigyan Prasar, Govt. of India and NCERT at IIT (BHU) Varanasi.

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