Utkarsh Dubey

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EDUCATION

Indraprastha Institute of Information Technology Delhi, India
B.Tech in Electronics and Communications Engineering *2019 – 2023(Expected)*
- Cumulative GPA: 3.34/4
- Relevant Coursework: Data Structures and Algorithms, Advanced Programming, Computer Organization, Probability and Statistics, Linear Algebra

EXPERIENCE

Full Stack Development Intern May 2021 – July 2021
LBB (Little Black Book)
- Made an ad managing platform for the LBB's ad management team, especially worked with **Rest APIs** and **MongoDB**.
- Worked on **EventBus** for the mailing system of LBB, shifted email templates from code base to pepipost.
- Made an error detection dashboard in order to detect manual errors in the finance ledger, worked with **Go** and **MySQL**.
- Pushed code into **production**.
- Technologies and Tools: Rest APIs, MongoDB, Python, JavaScript, Retool, Docker, GitHub, Go, SQL

PROJECTS

Sports Den | [Link] | *Django, sqlite3, Django Channels* June 2020 – July 2020
- Made a website, targeted for getting people together for sports activities, both for offline and online games.
- Worked on database handling, login/signup auth.
- Hosted on PythonAnywhere

Smart Drawer | [Link] | *Arduino, Thunkable, Firebase, Cloudinary, Python* Nov. 2019 – Dec. 2019
- A physical drawer linked to an app via firebase in order to maintain an inventory of things for easy management.
- Drawer consisted of Arduino, Camera Module, NodeMCU, and other sensors.

Color Switch | [Link] | *Java, JavaFX* Nov. 2020 – Dec. 2020
- Developed a replica of the popular game Color Switch for desktop
- Used **serialization** for saving and loading games
- Implemented features like **endless gaming**, **collision detection**

FaceMash | [Link] | *Django, sqlite3* May 2020
- Made a replica of the original Facemash for school students for implementing django basics with the changebeing that users were supposed to upload their own pictures.
- Website got 23k hits within 3 hours of launch.
- Hosted on PythonAnywhere

Facebook | [Link] | *C++* Feb. 2018
- Implemented the basic functionalities of Facebook in C++ using data file handling
- Used all data file handling commands in C++

TECHNICAL SKILLS

Programming Languages: Java, Python, C/C++, SQL (MySQL), JavaScript
Frameworks: Node.js, Django, React
Developer Tools: Git, Shell, Bash Scripting, Visual Studio Code, Sublime, IntelliJ
Databases: MongoDB, SQL