

# Sharad Raj Singh Maurya

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Hyperlinks at appropriate places

## Experience

- **Software Team Lead at Ignitus (LMS Project), Pittsburgh, Pennsylvania, United States.**  
Leading the team of 39 members responsible for the development of the chat system to be used in the LMS project.

## Education

**Bachelor of Computer Applications**  
70.2 %

Goel Institute of Higher Studies (University of Lucknow)  
2017 - 2020 (expected)

## Skills

<b>Programming Languages</b>	C, C++, Python, Java, JavaScript
<b>JavaScript Frameworks &amp; Libraries</b>	NodeJS, ExpressJS, ReactJS, Redux, Redux Saga, Socket.io
<b>Python Frameworks &amp; Libraries</b>	Django, Flask, OpenCV, Matplotlib, Pandas
<b>Front End Web development</b>	HTML, CSS, Bootstrap, MaterializeCSS
<b>Databases</b>	MongoDB, PostgreSQL, MySQL
<b>Software &amp; IDEs</b>	VSCode, Atom, Eclipse, NetBeans
<b>Version Control System</b>	Git
<b>UI Designing tools</b>	Figma, Adobe XD

## Projects

- **Link Share** | <https://linkkshare.herokuapp.com>  
*Python, Flask, MongoDB*
  - An online platform for saving links, has ability to perform CRUD operations on categories & links.
  - Users can also share categories with other users through email.
- **my\_py\_site** | [https://github.com/sharadcodes/my\\_py\\_site](https://github.com/sharadcodes/my_py_site)  
*Python, Jinja2*
  - Smallest static site generator in Python which is capable of generating multiple pages, blogs.
  - Uses markdown and html templates.
- **Face Recognition Based Attendance System (Under development)** | <https://frbas-sharad.herokuapp.com>  
*Python, Flask, OpenCV, Bootstrap 4*
  - Used OpenCV for the training of images of students and the Harr Cascade Classifier for the face detection.
- **Book Store (Under development)** | <https://dojo-books.netlify.app>  
*NodeJS, ExpressJS, ReactJS, MongoDB*
  - Developed backend REST API using NodeJS, ExpressJS with MongoDB.
  - Heroku for the deployment of the REST API.
  - Used Mongoose for the Schema handling and ReactJS with Materialize CSS for frontend.
- **GST Based billing system**  
*Java, Swing, MySQL, Jasper Reports*
  - A billing system capable of inventory management, recording bill entries, generating PDF invoices.
  - Capable of exporting the bills, inventory details as csv files.
  - System consists of multiple admins and multiple cashiers.
- **Twitter Feed Images Scrapping API** | <https://sharadcodes-twee-api.herokuapp.com>  
*ExpressJS, Cheerio*
  - Scrapes the latest images from the twitter account and responses with JSON.
  - Used cheerio for scrapping and ExpressJS for REST API development.

## Achievements

- Got selected as one of **406 winners globally** in the **GitHub Actions Hackathon 2020**.
- Recipient of **Intel AI Edge Scholarship 2019**.
- Recipient of **Google India Challenge Scholarship 2018**.

## Certifications

- |  |                                     |
|--|-------------------------------------|
| • Intermediate Python                  | DataCamp                            |
| • Python Data Science Toolbox (I & II) | DataCamp                            |
| • FDP for Python                       | Spoken Tutorial Project, IIT Bombay |
| • MongoDB M101                         | MongoDB University                  |
| • MongoDB Cluster Administration       | MongoDB University                  |
| • MongoDB for Python                   | MongoDB University                  |
| • MongoDB for JavaScript               | MongoDB University                  |
| • Java SE and MySQL                    | ETL Labs, Lucknow, India            |

## Positions of Responsibility

- **Technical head** of **Ankuram (Central forum for students)** of College for the session 2017-2020.
- Served as a **Student Mentor** for the Web Development & Scripting Languages workshop at **University of Lucknow**.