

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 %

12th

75.75%

10th

89%

Goel Institute of Higher Studies (University of Lucknow)

2017 - 2020 (expected)

King George Inter College

ISC 2017

King George Inter College)

ICSE 2015

Skills

Programming Languages

C, C++, Python, Java, JavaScript

Frameworks & Libraries

Flask, OpenCV, NLTK, Matplotlib, Pandas, NumPy, Swing

Web development

HTML, CSS, NodeJS, ReactJS

Databases

MongoDB, MySQL

Software & IDEs

VSCode, Atom, Eclipse, NetBeans

Version Control System

Git

Projects

- **Link Share** | <https://linkshare.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.

- **Sentim-API** | <https://sentim-api.herokuapp.com>

Python, Flask, NLTK

- A REST API for the sentiment analysis of the text. Returns the sentiment of every sentence in the given text.

- **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**

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**.

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**.

Certifications

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|--|-------------------------------------|
| • 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 |

Relevant Course Work

Computer Science: Digital Electronics, Computer Architecture, Operating Systems, Data Structures, Computer Graphics using C & C++, Geometrical Transformation, Software Engineering, Graph Theory, DBMS, Java, Computer Networks, Cryptography, Network Security & Management, System Analysis Design & Implementation, Knowledge Management.

Mathematics: Population, Sample and Data Condensation, Statistical Quality Control, Differential Equations, Linear Algebra, Matrix Theory, Probability, Optimization Techniques, Numerical Methods.