**Sharad Raj Singh Maurya**

**GitHub**: [sharadcodes](https://github.com/sharadcodes) | **Linkedin**: [srsmaurya](https://linkedin.com/in/srsmaurya) | **Email**: [dev\_sharad@outlook.com](mailto:dev_sharad@outlook.com) | **Tel**: [+91-7054-667-667](tel:+917054667667)

**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** | *Goel Institute of Higher Studies (University of Lucknow)* |
| **70.2 %** | *2017 - 2020 (expected)* |
| **12th** | *King George Inter College* |
| **75.75%** | *ISC 2017* |
| **10th** | *King George Inter College)* |
| **89%** | *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://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.
* **Sentim-API** | [https://sentim-api.herokuapp.com](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)** ofCollege for the session 2017-2020.
* Served as a **Student Mentor** for the Web Development & Scripting Languages workshop at **University of Lucknow**.

**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

**Relevant Course Work**

**Computer Science:** DigitalElectronics, 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.