Sharad Raj Singh Maurya

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Hyperlinks at appropriate places

Experience

- **Software Team Lead (Remote)** 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

  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

- 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.