

Sagar Shukla

306/A1 Ukhari Tiraha, Jabalpur, MP 482002 | +91-9479689325 | sagarshukla840@gmail.com | [LinkedIn](#) | [GitHub](#)

Experience

PROGRAMMER ANALYST | COGNIZANT TECHNOLOGY SOLUTIONS | NOVEMBER 2021 - PRESENT

- Working for DFS project, for the application development and maintenance of various applications.
- Working on projects by using **NodeJS** to build and fix various backend API's.
- Simultaneously monitoring the **deployment** for the smooth and easy flow of the applications.

SOFTWARE DEVELOPMENT ENGINEER | JIO PLATFORMS LIMITED | JULY 2019 – OCTOBER 2021

- Created Backend of various webpage dashboards of multiple Reliance Business (Jio, Retail, Hydrocarbon) in **microservice** architecture by using **NodeJS APIs** of minimum complexity and response time.
- Handled thousands of vendor Data by creating structured tables in **MYSQL** Database with proper logging in **MongoDB**, whereas **Redis**(cache) database used to improve the user experience by improving the response time.
- Worked with **Sequelize** as an **ORM** and **Kafka** to handle real time data through a publisher, subscriber methodology.

Internship

INTERNSHIP TRAINEE | BRAHMOS AEROSPACE PRIVATE LIMITED | MARCH 2019

- Studied the application of Artificial Intelligence and Machine Learning in the control and guidance system of missile.
- Studied how technologies like computer vision can help to mark the targets of missile with greater precision.
- Created one small **MYSQL** schema to track the attendance of all the students of batch 2019.

Education

BACHELOR OF ENGINEERING IN ELECTRONICS AND COMMUNICATION | GGITS | JUNE 2015 - 2019 | CGPA: 8.46

Projects

HOME FOOD MOBILE APPLICATION | JANUARY 2020 – DECEMBER 2020

- This application is built on **React-Native** and **JavaScript** with the host used as **google Firebase**.

- Created various screens for various customer to order food, track location of various restaurants, food center with ease.
- Login/ Signup authentication enabled as google Gmail-ID with a feature of forget password and some extra layer security.
- The database used is also provided by google firebase with the data stored in JSON NOSQL format.
- It can impact thousands of home food consuming users by providing them ease to order food (just like their home) in different cities.

DATA ENTRY WEB-APP | JANUARY 2021 – DECEMBER 2021

- Created a dashboard with the help of **HTML and CSS** to make a standard user experience for the data entry of different users.
- Backend APIs created in the **Node JavaScript** with the socket.io to maintain a proper bidirectional network system.
- The data entered by the user will get saved in the **MongoDB** database, via documents in the collection.

Skills:

- JavaScript, NodeJS, ReactJS, Java.
- Data Structures and Algorithms, HLD, LLD.
- MYSQL, MongoDB, Redis, Google Firebase.
- Kafka, Sequelize (ORM), Kibana.
- Jenkins, Kubernetes.

Competitive Programming:

- 5 Star Problem Solver, 30 days of code, 10 days of JavaScript in Hacker Rank platform.
- Currently Solving problems in Leetcode.

Publications:

IEEE - XPLORE

- Application of Machine Learning in intrusion detection using a feedback system.
- Natural Language Processing Technique for generation of SQL Queries Dynamically.
- Study of Depression Detection Using Deep Learning.
- Use of SLAM Technology to Enhance Performance and accuracy of bots.
- Study of Bot Technology to provide high performance and accuracy