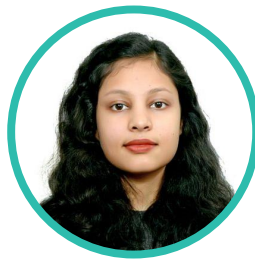


# Muskan sawa

## SOFTWARE ENGINEER

Secure a responsible career opportunity as a Software Engineer. Passionate to explore as well as work with the latest technologies and Undertake challenging problems while working in large distributed systems.



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gurgaon 📍

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## EDUCATION

### B. Tech in Computer Science Engineering-Specialization in Internet of Things and Smart Cities

University of Petroleum and Energy Studies

06/2018 - 06/2022

7.99

### 12th boards (ISC)

Kerala Samajam Model School

03/2016 - 02/2018

81%

## WORK EXPERIENCE

### Software Engineer

Recur Club

12/2022 - 09/2023

Gurgaon

*Achievements/Tasks*

- **API-Driven Data Delivery:** Designed and executed SQL and MongoDB queries to create data views and deliver them through APIs, improving data accessibility and usability.
- **Microservices & Serverless Architecture:** Leveraged a range of technologies, including Spring Boot, Node.js, JavaScript, TypeScript, and Python Lambdas, to architect and maintain microservices for streamlined data processing and system scalability.
- **Smart Financial Data Ingestion:** Created an advanced smart invoices system that simplified the collection and processing of financial data, **enhancing accuracy** and efficiency in financial management. **Automated and reduced data ingestion time** from 30 mins to under 1 minute.
- **Implemented data sanity layers** and real-time alerts to ensure data quality and deliver improved results to stakeholders.
- Successfully led and delivered a project in a startup environment by effectively communicating with all stakeholders.

### Fullstack Developer

Apollo Finvest

07/2022 - 11/2022

Mumbai

*Achievements/Tasks*

- Develop APIs in python for fintech companies.
- Manage and develop the backend of the company website using Node.
- Handle AWS services like Lambda, SQS, Ec2, etc.
- Manage and develop better UI for the SaaS product using Angular and React.

## SKILLS

Java OOPS Docker DBMS Git & Github

Aws MySQL NodeJs Python Pytorch

Machine Learning Javascript Typescript

mongodb APIs SpringBoot SQL BigData

computer vision NLP tensorflow ETL

## PERSONAL PROJECTS

Video conferencing application (01/2022 - 05/2022)

- Video conferencing in real time using webrtc
- File sharing and session recording

Text to speech and voice cloning (08/2021 - 12/2021)

- Text-to-speech web application
- Real-time voice cloning
- Compared different text to mel and vocoder models

Mask Monitor (01/2021 - 05/2021) 📄

- Trained a model which detects a face without a mask.
- It captures and stores the image detected without a mask in our database.
- Used Keras, OpenCV, and various other Python libraries.

Maze solving (07/2020 - 12/2020) 📄

- Used maze solving algorithm and reinforcement learning to develop a path finding bot.
- Store the path discovered for future reference.
- Used C to implement the algorithm.

Object detector (01/2020 - 02/2020) 📄

- Used two ultrasonic sensors to keep a check on the presence of a person in the room, controlling light, and firebase integration.
- Checking status and controlling led through the app.
- Used C for programming the node mcu.

## CO-CURRICULAR ACTIVITIES/ACHIEVEMENTS

Participant in the 6th summer school on AI at IIIT-Hyderabad.

Frequent blogger at muskaan-sawa.medium.com. 📄

A2 level certification of French.

Worked as a web developer while being in the core committee of the ACM student chapter in UPES

Published a book chapter "A Secure and Efficient Approach to Smart City Initiative" under CRC press