

# Sourav Saha

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MyPortfolio

## EDUCATION

### IEM,KOLKATA

B.TECH IN INFORMATION  
TECHNOLOGY

2017-2021 | Kolkata,India  
Cum. GPA: 9.28 / 10.0

### SPV

(Swami Pranabananda Vidyapith)

### CLASS 12-WBHSE

June 2016| Kolkata, India  
Percentage: 81

## LINKS

Github:// [souravsaha](#)  
LinkedIn:// [souravsaha](#)  
LeetCode:// [souravsaha](#)  
HackerRank:// [souravsaha](#)

## COURSEWORK

### UNDERGRADUATE

Data Structures  
Algorithm  
Database Management System  
Operating System  
Software Engineering

## SKILLS

### TECHNICAL SKILLS

- C++ • Python • JavaScript • NodeJs
- ReactJs • SQL
- AWS • Git • PostgreSQL

## LANGUAGES

- English • Hindi • Bengali

## RECOGNITION

- **Award Recipient for Top 3** in Information Technology Department
- **Amongst 10 finalist teams** in Airbus Hackathon 2021

## CERTIFICATION

- AWS Certified Cloud Practitioner
- AWS Certified Solutions Architect – Associate

## EXPERIENCE

### INFOSYS | SOFTWARE ENGINEER

Oct 2021 - Present | Hyderabad, India

- **Software Development:** Develop high-quality software applications using Python programming language using PEP8 Coding Standards. Collaborated with cross-functional teams to design, develop, and implement software solutions that meet business requirements.
- **Web Development:** Designed and developed web applications using Python-based frameworks such as Flask. Implement front-end components using HTML, CSS, and JavaScript, and integrate them with back-end functionality.
- **Model Development and Training:** Design, develop, and implement machine learning models and algorithms using frameworks such as TensorFlow, PyTorch, or scikit-learn. Train and fine-tune models using supervised, unsupervised, and reinforcement learning techniques to optimize performance metrics such as accuracy, precision, recall, and F1-score.
- **Testing and Debugging:** Written unit tests and integration tests to ensure the reliability and stability of software applications. Debugged and troubleshoot issues to identify and resolve software defects.
- **Deployed** several solutions for business on AWS Cloud using services like Redshift, SNS, SQS, AWS Lambda, IAM, RDS, S3, EC2 etc. Deployed and managed applications on cloud platforms such as AWS Cloud Platform. Automated deployment processes using tools like Docker, Kubernetes, or Jenkins for continuous integration and continuous deployment (CI/CD).
- **Automation and Scripting:** Automated routine tasks and system administration processes using scripting languages such as Bash, Python. Developed scripts for system monitoring, log analysis, and maintenance tasks.
- **Technologies Used:** Python, Flask, AWS, MYSQL, Jenkins, Docker.

## PROJECTS

### YOU TUBE CLONE | BUILD USING REACT

Dec 2020 – Jan 2021 | Kolkata, West Bengal

**Worked** on making a You Tube Clone by using different React Libraries like Redux, Router, Styled Components etc. hosted using **Vercel**  
[youtubeclone](#)

### WEATHER APP | BUILD USING NODE

Feb 2021 – Feb 2021 | Kolkata, West Bengal

**Worked** on making a Weather App by using different Node JS Libraries like Request, Express etc and API's **WeatherStack** and **MapBox** hosted using **Github**  
[weatherapp](#)