

# Sourav Nandi

[souravnandijgec@gmail.com](mailto:souravnandijgec@gmail.com) • +918617302127  
GitHub: Sourav8617 • LinkedIn: SouravNandi

## WORK EXPERIENCE

### Senior System Engineer

Infosys

Kolkata

Oct 2024 – Present

- DataWays application deals with container shipping from one region to another across the globe. There are options to view the booking history of customer to book the container as per requirement, to view allocated containers assigned to particular users. Admin has the privilege to update the allocated containers.

### System Engineer

Infosys

Bhubaneswar

Jan 2023 – Sep 2024

- Build a Student Management Application using Spring. This application supports CRUD operations where new students can be registered, student details can be queried, Student details can be updated and saved to database.

### System Engineer(Trainee)

Infosys

Remote

Jun 2022 – Jan 2023

- To the brief understanding of concepts of Spring framework like dependency injection, aspect-oriented programming, etc. and the usage of Spring Boot and Spring Data by implementing a problem statement simulating an enterprise application. Here, you will need to implement Service and Persistence layers and expose the services as REST endpoints.
- Various features of Java SE8 like- Exception Handling, Generics and Collections. Different Java Libraries and predefined Java packages like - java. Lang and java. Util.
- Build databases using MySQL for web applications Perform data manipulations for an application using MySQL commands Write business logic for a web application using MySQL compound statements, cursors and handle exceptions.

## SKILLS

- |              |                   |              |                        |
|--------------|-------------------|--------------|------------------------|
| • Languages: | Java, Python, SQL | • Framework: | Spring, JDK            |
| • Database:  | MySQL, PostgreSQL | • Tools:     | IntelliJ, STS, Postman |

## EDUCATION

### JALPAIGURI GOVT. ENGG. COLLEGE

Bachelor of Technology (CGPA: 7.3)

Electronics and Communication Engineering

West Bengal, India

Aug 2017 - Jun 2021

## PROJECTS

### • WIRELESS MASK DETECTION WITH DRONE FOR SURVEILLANCE -

Mask Detection project uses a computer vision algorithm to detect if a person is wearing a face mask while acquiring and analyzing face data before access granted.

Technology used – PYTHON, Open CV, MATLAB

### • FIND DFT AND DTFT -

The objective of the project was to record the sound of a stone dropped in water and find the frequency which caused had the maximum amplitude. For this, I used the principle of DTFT to process the signal to the frequency domain and found the most dominant frequency in MATLAB.

Technology used – MATLAB.

## CERTIFICATION

- Infosys Certified Spring Associate
- Infosys Certified MySQL Associate
- Infosys Certified Java SE8 Developer
- Rest Api Using Spring