

# SURAJ DUTTA

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## CAREER OBJECTIVE

As a recent **B.Tech** graduate in Computer Science and Engineering, I aspire to apply my proficiency in **Java, JavaScript, HTML, CSS, JDBC, Hibernate, SQL, React, Spring, and Spring Boot** to develop innovative **full-stack** solutions. Committed to continuous learning and staying updated with emerging technologies, I aim to contribute meaningfully to the tech landscape by driving impactful **back-end** and **front-end** projects.

## EDUCATION

### Bachelor of Technology (B.Tech)

Computer Science and Engineering

Seemanta Engineering College, Odisha, India

2019 - 2023

### Higher Secondary Education (12th)

Science Stream (PCM)

Tapsia Vidyasagar Sikshayatan, West Bengal, India

2017 - 2019

### Secondary Education (10th))

Dhadangri High School, West Bengal, India

2017

## TECHNICAL SKILLS

**Programming Languages:** Java(OOPS, Data Structures), JavaScript(Front-end development,DOM manipulation)

**Frameworks/Libraries:**

- **Spring:** Dependency Injection, MVC, Boot
- **Spring Boot:** Rapid application development
- **React:** Front-end development

**Database Management:**

- **SQL:** Good knowledge in SQL queries (DDL, DML, DQL, TCL), Sub-queries, Joins, Normalization
- **Hibernate, JDBC**

**Web Technologies:** HTML, CSS, Responsive designing

**Tools/IDEs:** Git, GitHub, VSCode, IntelliJ IDEA, Eclipse

## PROJECTS

### Data Analytics in Healthcare (Final Year Project)

December 2023

- Created an intuitive healthcare data tracking app for doctors and nurses, ensuring seamless patient health monitoring.
- As part of my role, I crafted a user-friendly **front-end** utilizing **HTML, CSS, and JavaScript**. Emphasizing responsiveness, I ensured seamless navigation across various devices, enhancing accessibility and usability.

### Real-time Weather App (React + OpenWeather API)

February 2024

- Built a dynamic weather application using **React** and **OpenWeather API**, enabling real-time location data fetching and a 5-day weather forecast for any searched location.
- Implemented geolocation functionality to automatically display local weather data, enhancing user experience with real-time updates and detailed daily weather insights.

### Bus Reservation App "Subh Yatra" (React.js + Spring Boot)

February 2024

- Developed "**Subh Yatra**", a bus reservation app using Spring Boot for **back-end** functionalities, **React** for **front-end** interfaces, and **MySQL** for database management, ensuring efficient data handling and seamless user interactions.
- Designed and developed a feature-rich admin panel allowing bus management operations such as adding, editing, and deleting buses, enhancing administrative control over fleet management. Enabled users to search for buses, book tickets securely, receive email confirmations, and easily manage bookings.

## ADDITIONAL

### Certifications & Badges

- Java Full Stack development (**J Spiders**)
- Basic Computer (L Miit)
- **HackerRank:** 5-star Gold Badge in Java
- **LeetCode:** 50+ Problems Solved

### Language Skills

- English (Business Professional), Hindi (Conversational), Bengali (Native)

### Hobbies

- Playing Cricket, Playing Video Games, Playing Guitar

### Other Skills

- Full Stack Development, Problem-solving, Hardworking and Self-Motivated