

# SOUBHAGYA GHOSHAL

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Kolkata, West Bengal -700056 , India

## SOFTWARE ENGINEER

Software engineer with 3 + years of development experience with a strong passion for devising innovative and impactful software solutions to address real-world challenges. Primary areas of interest encompass software engineering, artificial intelligence and cybersecurity.

## EDUCATION

- **Narula Institute of Technology** Graduation year 2025  
*B.Tech, in Computer Science and Engineering* Kolkata, India
  - CGPA: 7.77(Till 5th Semester)
- **Katwa Kashiram Das Institution** 2019 - 2021  
*Secondary Education* Katwa,India
  - Grade: 86.20%

## PROJECTS

- **Tictactoe** Jan 2024  
*Tools: [ React, TypeScript]* [GitHub]
  - Scalable algorithm:The board can be extended to a larger size with different target for wins.
  - Designed the entire system with custom animations.
  - Demonstrated proficiency in modern front-end development tools and best practices.
- **Invoice-Management-System** May 2024  
*Tools: [ TypeScript , JavaScript , HTML , CSS ]* [GitHub]
  - Graphs that show invoice data.
  - Authentication: Manages User Login.
  - Invoice finder: searches a invoice that is typed on the search bar.
  - Invoice table:Entire table filled with all the invoices.
  - Auth forms:Created the auth form for the application.
  - Demonstrated skills in building, deploying, and maintaining a complete frontend web application .

## SKILLS

- **Programming Languages:** Python,Java,JavaScript,TypeScript
- **Web Technologies:** React.js (Front-end), Node.js (Back-end) , HTML5/CSS3
- **Database Systems:**MySQL , MongoDB
- **Cloud Technologies:** Amazon Web Services (AWS) , Microsoft Azure
- **DevOps & Version Control:** Docker, Git
- **Other Tools & Technologies:** VS Code , IntelliJ

## CERTIFICATIONS

- **Object-Oriented Data Structures in C++** Coursera
- **Machine Learning with Python** Coursera

## ADDITIONAL INFORMATION

**Languages:**English, Hindi, Bengali

**Interests:** Chess , Gamming, Badminton, Cricket