

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
◦ CGPA: 7.77(Till 5th Semester) Kolkata, India
- **Katwa Kashiram Das Institution** 2019 - 2021
Secondary Education Katwa, India
◦ Grade: 86.20%

PROJECTS

- **Tictactoe** Jan 2024
Tools: [React, TypeScript]
◦ 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]
◦ 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 , Gaming, Badminton, Cricket