

# Soham Bhunia

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## Professional Profile

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Motivated and results-driven Back End Web Developer with a strong foundation in designing and implementing efficient, scalable back-end systems. Demonstrated success in improving application performance by optimizing server-side processes, contributing to a seamless integration between front-end and back-end functionalities. Proficient in implementing secure, data-protected solutions that minimize vulnerabilities and enhance system reliability. Adept at troubleshooting complex issues, resulting in significant reductions in bug reports and improved user experience. Strong collaborator with a focus on delivering high-quality solutions in a fast-paced development environment.

## Professional Experience

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### Back End Web Developer

- Designed and developed backend systems for multiple web applications, resulting in a 30
- Collaborated with front-end developers to integrate user-facing elements with server-side logic, enhancing the overall user experience.
- Implemented robust security and data protection measures, reducing vulnerabilities by 40
- Troubleshoot and resolved complex issues, leading to a 20

### Current Projects:

- Leading the backend development of a comprehensive website project, aiming to improve user engagement and satisfaction.
- Developing a web application Learning Manegment System the MERN stack for full-stack web development.

## Education

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### Bachelor of Computer Application

*Institute of Engineering And Management*

- Completed coursework in data structures, algorithms, database management, and web development.
- Engaged in practical assignments and projects, applying theoretical knowledge to solve real-world problems.

*Graduated in 2023*

### Higher Secondary Education (Arts)

*Tamluk Hamilton High School*

*Graduated in 2020*

### Secondary Education

*Tamluk Hamilton High School*

*Graduated in 2018*

## Skills

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- Proficient in Java with experience in building scalable applications.
- Expertise in data structures and algorithms, with practical experience in problem-solving.
- Skilled in backend web development using Express, with a focus on performance optimization.
- Strong understanding of RESTful API design and implementation.
- Knowledgeable in version control systems like Git.
- Excellent problem-solving, analytical, and communication skills.

## Achievements

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- Earned certifications in Problem Solving, Java, JavaScript, and SQL from Hackerrank.
- Successfully completed numerous projects with commendable performance feedback from peers and supervisors.

## Professional Goals

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- To utilize backend development skills in a dynamic role that encourages growth and continuous learning.
- To contribute to innovative projects that significantly impact user experience and achieve business goals.
- To stay abreast of the latest trends and advancements in web development technologies.

## Projects

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### Client-Server Echo Communication System Using Java

- This project demonstrates a simple client-server communication model using Java. The server listens for client connections and echoes back any messages received, prepending "Server received:" to each message. The client connects to the server, sends messages, and receives responses. This basic system provides an introduction to networking and socket programming in Java.
- Tools Used: Java

### Industry and Competitor Analysis Using Python

CODE

- The "Industry and Competitor Analysis" project aims to develop a Python application that automates the process of gathering and analyzing data about competitors in a specific industry. The application uses web scraping techniques to extract data from various websites and organizes it for further analysis.
- Tools Used: Python,Panda

### My Portfolio

CODE

- Developed my personal portfolio using HTML, CSS, JavaScript with frameworks, and MySQL.
- Tools Used: JavaScript with frameworks, MySQL

### Shopping Website (Ongoing Project)

- Developing a shopping website using React.js, CSS, JavaScript with frameworks, MySQL, React, and TypeScript.

### LMS Website (Ongoing Project)

- Developing a learning management system (LMS) website using HTML, CSS, JavaScript with frameworks, MySQL, and React.

## Technologies

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- **Programming Languages:** Java, JavaScript,Python
- **Frontend Frameworks:** React.js, CSS, CSS3, TypeScript
- **Backend Frameworks:** Express.js, Node.js,Pandas
- **Databases:** MySQL, MongoDB,
- **Version Control:** Git
- **Other Tools:** RESTful APIs, Postman