

# Siddhanta Choudhury

Aspiring Software Engineer

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Actively exploring roles as a **MERN Stack Developer, React Js Developer, PHP Developer, Java Developer, Python Developer**, in the IT sector. Pursued a dynamic career in **Software Engineering**, aiming to leverage expertise in MySQL and MongoDB. Seeking opportunities to excel in full-stack development.

## Profile Summary

Completed a B.Tech in Computer Science & Engineering from Sambalpur University Institute of Information Technology, Burla, possessing proficiency in **software engineering** and **full-stack development**. Skill set includes **Java, Python, C, C++, and MySQL**, specializing in the **MERN stack (MongoDB, Express.js, React.js, Node.js)**. Solid understanding of **Data Structures and Algorithms (DSA)**, excelling in problem-solving and quickly adapting to new technologies. Experience in assessing end-user requirements, conducting bug analysis, and navigating Software Development Lifecycle (SDLC) processes.

## Education

**Sambalpur University Institute of Information Technology, Burla**

Dec 2020 - May 2024

*B.Tech in Computer Science & Engineering*

CGPA: 7.70/10

**Vikash Higher Secondary School, Sambalpur**

July 2018 - Apr 2019

*XII - Science*

Percentage: 73%

## Internships

**Central Tool Room & Training Centre (MSME) Government of India ↗**

June 2023 – June 2023

*Apprenticeship*

Bhubaneswar, Odisha

- Mastered core Java programming skills, specializing in JDBC and Swing framework.
- Developed proficiency in object-oriented programming, data types, and control structures.

**Oasis Infobyte ↗**

Apr 2023 – May 2023

*Project Intern*

Remote

- Gaining proficiency in essential development tools like Visual Studio Code and Git to facilitate smooth workflows and effective collaboration in projects.
- Completing a variety of portfolio projects, including a TO-DO List application, a Calculator, and a Tribute Page, demonstrating the practical use of acquired skills and promoting ongoing learning.

## Projects

**CampusNet | React.Js, Express.Js, MongoDB, Node.Js, Material UI, Git**

[Source Code](#)

- A MERN-based social-media platform for college communities, facilitating secure registration, login, and sharing of events, multimedia, educational materials, and job posts.
- It includes features like account management, search functionality, and notifications.

**Image Classification App | React.Js, ml5.js, Git**

[Source Code](#)

- Developed using React JS and ml5.js API, allowing users to categorize images easily.

**School Management System | HTML, CSS, JavaScript, PHP, BootStrap, MySQL, Git**

[Source Code](#)

- A comprehensive system built with HTML, CSS, JavaScript, PHP, and MySQL, offering functionalities such as user authentication, registration, profile management, and advanced search features.

**Bank Management System | C , Git , GitHub**

[Source Code](#)

- Developed in C, enabling users to perform various banking operations like account creation, transaction processing, and account management.

**Matrix and Determinant Calculator | C , Git , GitHub**

[Source Code](#)

- Implemented in C, providing functionalities for matrix operations like addition, subtraction, multiplication, determinant calculation, and finding the inverse of matrices.
- It offers a user-friendly interface for efficient calculation.

## Technical Skills

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**Programming Languages:** Java, C#, C, C++, JavaScript, Python

**Web Development:** HTML, CSS, JavaScript, PHP, MySQL, MongoDB, React.js, Node.js, Express.js

**Frontend Framework:** React, TailwindCSS, HTML, CSS, Bootstrap, Material UI

**Databases:** MySQL, MongoDB

**Developer Tools:** Postman, Git, GitHub, Visual Studio Code, NetBeans IDE, PyCharm, Code::Blocks

## Soft Skills

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- Analytical
- Multitasking
- Communication
- Teamwork
- Collaborator
- Leadership

## Certifications

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### Full Stack Web Development

- An 8-week online training on Web Development. The training consisted of HTML, CSS, Bootstrap, DBMS, PHP, JS, React, and Final Project modules.

### Programming with C and C++

- Trained in C and C++ programming, with a focus on Object-Oriented Programming. Developed a Cricket Game Application as part of the training.

## Achievements

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### Participation in Hacktoberfest

Oct 2022

- Engaged in and successfully fulfilled 5 pull requests during Hacktoberfest 2022.
- Received attractive rewards and badges as a token of achievement.

### Clinched the top spot in 'Bits and Bytes'

Jan 2022

- Stimulating quiz competition on computer fundamentals and coding
- Hosted by CodeCircle, under the auspices of the Innovation Club at SUIIT.

## Languages

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**English:** Professional Proficiency

**Hindi:** Professional Proficiency

**Odia:** Native Proficiency