# Siddhanta Choudhury

*Aspiring Software Engineer*

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## ABOUT

As a soon-to-graduate aspiring software engineer skilled in **Java**, **C#**, **C**, **C++**, **Python**, **PHP**, and **JavaScript**, as well as **MySQL**, specializing in full-stack development (including the **MERN stack - MongoDB**, **Express.js**, **React.js**, **Node.js**), I am committed to staying updated with the latest tech trends. With a strong foundation in **Data Structures and Algorithms (DSA)**, I leverage technology to innovate, enhance user experiences, and drive project success.

## EDUCATION

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|---|---|
| **Bachelor of Technology in Computer Science & Engineering** | Burla, India |
| *Sambalpur University Institute of Information Technology* | *Dec 2020 – May 2024* |

## TECHNICAL SKILLS

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

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

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

**Database**: MySQL, MongoDB

## EXPERIENCE

**Apprentice** ⬈    Jun 2023 – Jun 2023
*Central Tool Room & Training Centre (MSME) Government of India*    *Bhubaneswar, India*

- Mastering core Java programming skills, specializing in JDBC and Swing framework, while demonstrating proficiency in object-oriented programming, data types, control structures, and exception handling.
- Gaining practical proficiency in Java, JDBC, and Swing through hands-on exercises and project work.

**Project Intern** ⬈    Apr 2023 – May 2023
*Oasis Infobyte*    *Remote*

- Demonstrating proficiency in front-end technologies, encompassing JavaScript, HTML, and CSS, coupled with practical experience in GitHub utilization and deployment via the platform.
- Acquiring familiarity with vital development tools such as Visual Studio Code and Git, ensuring seamless workflow and efficient collaboration within projects.
- Executing diverse portfolio projects, ranging from a TO-DO List application to a Calculator and a Tribute Page, showcasing practical application of acquired skills and fostering continuous learning.

## PROJECTS

**CampusNet** ⬈ | *React.Js, Express.Js, MongoDB, Node.Js, Material UI, Git*    Oct 2023 – Feb 2024

- CampusNet is a MERN-based social-media platform for college communities, enabling secure registration, login, and sharing of events, multimedia, educational materials, and job posts.
- Allows users to manage account with deletion and deactivation options, search others, and receive notifications.

**Image Classification App** ⬈ | *React.Js, ml5.js, Git*    Nov 2022 – Dec 2022

- Developed an Image Classification App with ReactJS and integrated the ml5.js API, enabling users to effortlessly categorize images.

**School Management System** ⬈ | *HTML, CSS, JavaScript, PHP, BootStrap, MySQL, Git*    Sep 2022 – Oct 2022

- Comprehensive School Management System with key functionalities like user authentication, registration, profile management, and robust search features.

**Bank Management System** ⬈ | *C , Git , GitHub*    Nov 2021 – Dec 2021

- Built a Bank Management System in C, allowing users to perform various banking operations such as account creation, transaction processing, and account management.

**Matrix and Determinant Calculator** ☑ | *C , Git , GitHub* Aug 2021 – Sep 2021

- Implemented a Matrix and Determinant Calculator in C, allowing users to perform matrix operations such as addition, subtraction, and multiplication.
- Incorporated functionalities to calculate determinants and find the inverse of matrices.
- Utilized C programming language to create a user-friendly interface and ensure efficient calculation of matrix operations.

## CERTIFICATIONS

**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

**Participation in Hacktoberfest** ☑
*Contributed to and completed 5 pull requests during Hacktoberfest 2022, earning exciting goodies and badges.*

**Winner of Bits nd Bytes Techwiz** ☑
*Secured the first position in 'Bits nd Bytes', a knowledge-boosting computer basics and coding quiz competition organized by CodeCircle, part of the Innovation Club at SUIIT.*

## LANGUAGES

**Hindi:** Native Proficiency

**English:** Professional Proficiency

**Odia:** Native Proficiency