

# 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**), committed to staying updated with the latest tech trends is paramount. With a strong foundation in **Data Structures and Algorithms (DSA)**, technology is leveraged to innovate, enhance user experiences, and drive project success.

## EDUCATION

<b>Bachelor of Technology in Computer Science &amp; Engineering</b> <i>Sambalpur University Institute of Information Technology, Burla, India</i>	Dec 2020 – May 2024
	<b>CGPA:</b> 7.70/10.00
<b>XII - Council of Higher Secondary Education (CHSE) Board, Odisha</b> <i>Vikash Higher Secondary School, Sambalpur, India</i>	Jul 2018 – Apr 2019
	<b>Percentage:</b> 73%

## 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

## WORK EXPERIENCE

<b>Apprentice</b> ↗ <i>Central Tool Room &amp; Training Centre (MSME) Government of India</i>	Jun 2023 – Jun 2023 <i>Bhubaneswar, India</i>
<ul style="list-style-type: none"><li>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.</li><li>Gaining practical proficiency in Java, JDBC, and Swing through hands-on exercises and project work.</li></ul>	
<b>Project Intern</b> ↗ <i>Oasis Infobyte</i>	Apr 2023 – May 2023 <i>Remote</i>
<ul style="list-style-type: none"><li>Demonstrating proficiency in front-end technologies, encompassing JavaScript, HTML, and CSS, coupled with practical experience in GitHub utilization and deployment via the platform.</li><li>Acquiring familiarity with vital development tools such as Visual Studio Code and Git, ensuring seamless workflow and efficient collaboration within projects.</li><li>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.</li></ul>	

## PROJECTS

<b>CampusNet</b> ↗   <i>React.Js, Express.Js, MongoDB, Node.Js, Material UI, Git</i>	Oct 2023 – Feb 2024
<ul style="list-style-type: none"><li>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.</li><li>Allows users to manage account with deletion and deactivation options, search others, and receive notifications.</li></ul>	
<b>Image Classification App</b> ↗   <i>React.Js, ml5.js, Git</i>	Nov 2022 – Dec 2022
<ul style="list-style-type: none"><li>Developed an Image Classification App with ReactJS and integrated the ml5.js API, enabling users to effortlessly categorize images.</li></ul>	
<b>School Management System</b> ↗   <i>HTML, CSS, JavaScript, PHP, BootStrap, MySQL, Git</i>	Sep 2022 – Oct 2022
<ul style="list-style-type: none"><li>Comprehensive School Management System with key functionalities like user authentication, registration, profile management, and robust search features.</li></ul>	

**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, enabling 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

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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

- Contributed to and completed 5 pull requests during Hacktoberfest 2022.
- Earned exciting goodies and badges as a result.

**Winner of Bits nd Bytes Techwiz ↗**

Jan 2022

- 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

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**Hindi:** Native Proficiency**English:** Professional Proficiency**Odia:** Native Proficiency