

# 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, I possess proficiency in **software engineering** and **full-stack development**. My skill set includes **Java, Python, C, C++, and MySQL**, with a specialization in the **MERN stack (MongoDB, Express.js, React.js, Node.js)**. With a solid understanding of **Data Structures and Algorithms (DSA)**, I excel in problem-solving and adapt quickly to new technologies. Additionally, I have experience in assessing end-user requirements, conducting bug analysis, and navigating Software Development Lifecycle (SDLC) processes.

## Education

<b>Sambalpur University Institute of Information Technology, Burla</b> <i>B.Tech in Computer Science &amp; Engineering</i>	<b>Dec 2020 - May 2024</b> <i>CGPA: 7.70/10</i>
<b>Vikash Higher Secondary School, Sambalpur</b> <i>XII - Science</i>	<b>July 2018 - Apr 2019</b> <i>Percentage: 73%</i>

## Internships

<b>Central Tool Room &amp; Training Centre (MSME) Government of India ↗</b> <i>Apprenticeship</i>	<b>June 2023 – June 2023</b> <i>Bhubaneswar, Odisha</i>
<b>Oasis Infobyte ↗</b> <i>Project Intern</i>	<b>Apr 2023 – May 2023</b> <i>Remote</i>

• 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.

• 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

<b>CampusNet   React.Js, Express.Js, MongoDB, Node.Js, Material UI, Git</b>	<a href="#">Source Code</a>
• 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.	
<b>Image Classification App   React.Js, ml5.js, Git</b>	<a href="#">Source Code</a>
• Developed an Image Classification App with ReactJS and integrated the ml5.js API, enabling users to effortlessly categorize images.	
<b>School Management System   HTML, CSS, JavaScript, PHP, BootStrap, MySQL, Git</b>	<a href="#">Source Code</a>
• Comprehensive School Management System with key functionalities like user authentication, registration, profile management, and robust search features.	
<b>Bank Management System   C , Git , GitHub</b>	<a href="#">Source Code</a>
• Built a Bank Management System in C, allowing users to perform various banking operations such as account creation, transaction processing, and account management.	
<b>Matrix and Determinant Calculator   C , Git , GitHub</b>	<a href="#">Source Code</a>
• 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.	

## 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

## 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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**English:** Professional Proficiency

**Hindi:** Professional Proficiency

**Odia:** Native Proficiency