

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 <i>B.Tech in Computer Science & Engineering</i>	Dec 2020 - May 2024 <i>CGPA: 7.70/10</i>
Vikash Higher Secondary School, Sambalpur <i>XII - Science</i>	July 2018 - Apr 2019 <i>Percentage: 73%</i>

Internships

Central Tool Room & Training Centre (MSME) Government of India  <i>Apprenticeship</i>	June 2023 – June 2023 <i>Bhubaneswar, Odisha</i>
<ul style="list-style-type: none">Mastered core Java programming skills, specializing in JDBC and Swing framework.Developed proficiency in object-oriented programming, data types, and control structures.	
Oasis Infobyte  <i>Project Intern</i>	Apr 2023 – May 2023 <i>Remote</i>
<ul style="list-style-type: none">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 <i>React.Js, Express.Js, MongoDB, Node.Js, Material UI, Git</i>	Source Code
<ul style="list-style-type: none">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 <i>React.Js, ml5.js, Git</i>	Source Code
<ul style="list-style-type: none">Developed using React JS and ml5.js API, allowing users to categorize images easily.	
School Management System <i>HTML, CSS, JavaScript, PHP, BootStrap, MySQL, Git</i>	Source Code
<ul style="list-style-type: none">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 <i>C, Git, GitHub</i>	Source Code
<ul style="list-style-type: none">Developed in C, enabling users to perform various banking operations like account creation, transaction processing, and account management.	
Matrix and Determinant Calculator <i>C, Git, GitHub</i>	Source Code
<ul style="list-style-type: none">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

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

Web Development: HTML, CSS, PHP React.js, Node.js, Express.js, Material UI, Bootstrap

Databases: MySQL, MongoDB

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

Soft Skills

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|----------------|-----------------|----------------|
| • Analytical | • Communication | • Collaborator |
| • Multitasking | • Teamwork | • Leadership |

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

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 nd Bytes'

Jan 2022

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

Languages

English: Professional Proficiency

Hindi: Professional Proficiency

Odia: Native Proficiency