

Siddhanta Choudhury

Aspiring Software Engineer

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About

Graduated aspiring Software Engineer proficient in **Java, C#, C, C++, Python, PHP, and JavaScript** as well as **MySQL**. Specializes in **full-stack development**, particularly skilled with the **MERN stack (MongoDB, Express.js, React.js, Node.js)**. Possesses a strong foundation in **Data Structures and Algorithms (DSA)**, leveraging technology to innovate, enhance user experiences, and drive project success.

Education

Sambalpur University Institute of Information Technology, Burla
B.Tech in Computer Science & Engineering

Dec 2020 - May 2024
CGPA: 7.70/10

Vikash Higher Secondary School, Sambalpur
XII - Science

July 2018 - Apr 2019
Percentage: 73%

Internship & Work Experience

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

June 2023 – June 2023
Bhubaneswar, Odisha

- 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.

Oasis Infobyte ↗

Apr 2023 – May 2023

Project Intern

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

[Source Code](#)

- 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

[Source Code](#)

- 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

[Source Code](#)

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

Bank Management System | C , Git , GitHub

[Source Code](#)

- 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

[Source Code](#)

- 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

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

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

- 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

English: Professional Proficiency

Hindi: Professional Proficiency

Odia: Native Proficiency