

# DHRUBOJYOTI SARKAR

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## SUMMARY

Enthusiastic software engineering student with hands-on experience in full-stack development, blockchain, and cloud technologies. Proficient in Java, React, MySQL, and Python. Strong problem-solving skills and eager to contribute to real-world software development projects.

## EDUCATION

|                                                                          |                  |
|--------------------------------------------------------------------------|------------------|
| <b>Camellia Institute of Engineering &amp; Technology (CIET) , India</b> | <b>2022-2025</b> |
| • Electronics and Communication Engineering (B.Tech)                     |                  |
| <b>Burdwan M.B.C. Institute of Engineering &amp; Technology</b>          | <b>2019-2022</b> |
| • Electronics and Telecommunication Engineering (Diploma)                |                  |
| <b>Gurap R. K. Institution (India)</b>                                   | <b>2018-2019</b> |
| • WBCHSE                                                                 |                  |
| <b>Nabagram Mayna P. B. High School (India)</b>                          | <b>2016-2017</b> |
| • WBBSE                                                                  |                  |

## EXPERIENCE

|                                                                                                                                   |                            |
|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| <b>Software Engineer Trainee</b>                                                                                                  | <b>Feb 2025 – Mar 2025</b> |
| • Designed and managed MySQL databases for internal applications.                                                                 |                            |
| • Developed Java-based modules for client-side interactions.                                                                      |                            |
| <b>Blockchain Technology Intern – VIOS</b>                                                                                        | <b>Jan 2025 – Feb 2025</b> |
| • Developed a secure Ethereum wallet using cryptographic techniques.                                                              |                            |
| • Built LMS modules integrated with blockchain smart contracts.                                                                   |                            |
| • Set up a decentralized application (DApp) environment using Solidity.                                                           |                            |
| <b>Emerging Technologies (AI &amp; Cloud) Intern</b>                                                                              | <b>Jun 2024 - Jul 2024</b> |
| IBM Cloud                                                                                                                         |                            |
| • Developed a college chatbot that simulates human conversation and interacts with users via text or voice using IBM Cloud tools. |                            |

## RELEVANT COURSES

|                           |                          |
|---------------------------|--------------------------|
| • Course in C & C++       | 21 Jun' 2023-20 Oct'2023 |
| • Course in Web Designing | 1 Jan'2024-30 Jun'2024   |

## SELECTED PROJECTS

|                                                                                                                                                                                                                  |                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| <b>PERSONAL PORTFOLIO WEBSITE</b>                                                                                                                                                                                | <b>10/2024</b> |
| • User-friendly, intuitive, and visually appealing.                                                                                                                                                              |                |
| • Users can view personal and professional details in a clean, readable layout..                                                                                                                                 |                |
| • Built using HTML, CSS, and JavaScript; can be executed in any browser.                                                                                                                                         |                |
| <b>ONLINE EXAMINATION SYSTEM</b>                                                                                                                                                                                 | <b>03/2024</b> |
| • Online examination system is a web-based examination system where examinations are given online.                                                                                                               |                |
| • online examination system is to effectively evaluate the student thoroughly through a totally automated system that not only reduces the required time but also delivers fast and accurate results.            |                |
| <b>SNAKE GAME</b>                                                                                                                                                                                                | <b>01/2024</b> |
| • This project explores a new dimension in the traditional snake game to make it more interesting and challenging.                                                                                               |                |
| • The simplicity of this game makes it an ideal candidate for a minor project as we can focus on advanced topics like multiplayer functionality and implementation of computer-controlled intelligent opponents. |                |

## Technical Skills

Hard Skills : C++ , C , Java , Python , JavaScript , NodeJS , React , MongoDB , MySQL , HTML5 , CSS3 , Data Structure , Algorithms ,Software Design.

Soft Skills: Leadership , Communication.