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| DRITI SINGH | horizontal line Driti Singh, +917355232106  [dritis@iitbhilai.ac.in](mailto:dritis@iitbhilai.ac.in)  <https://www.linkedin.com/in/driti-singh-616280176/> |
| **ㅡ** Profile | horizontal line  Currently in my 2nd Year of B.Tech in the department of Computer Science and Engineering at Indian Institute of Technology, Bhilai. |
| **ㅡ** **Education** | horizontal line Indian Institute of Technology Bhilai B.Tech, Department of Computer Science and Engineering2018 - 2022 CGPA -7.90/10  **New Public College,Lucknow**  XII Senior Secondary2017 Score - 92.4%  **New Public College,Lucknow**  X Secondary 2015 Score - 10/10 |

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| **ㅡ** Projects | horizontal line RFID communications (Research project)Cryptography Developing a secure RFID communication protocol using Lightweight cryptography to use it in 5G Testbed project. Processor DesignComputer Organization and architecture Simulated 16-bit RISC processor in Vivado using instruction set:ADD,SUB,LOAD,LOAD IMMEDIATE,XOR,NOT etc. AnimationData Structures and Algorithms Project Created animation to help visualize how the DFS,BFS,MST work. |

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| **ㅡ** Institute Positions | horizontal line Club Coordinator, SPIC-MACAY (The Society for the Promotion of Indian Classical Music & Culture Amongst Youth,IIT Bhilai) 2019-20Event Coordinator, Viva La vida(Meraz - The Technocultural Fest, IIT Bhilai)2019Student Mentor(Student Mentorship program, IIT Bhilai)2019-20 |

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| **ㅡ** Technical Skills | horizontal line GeneralCompetitive Programming, Front end Development, Machine Learning,and Android Development,familiar with the i3 window manager.ProgrammingC, C++, Python, HTML, CSS, JAVA, JSToolsGit, Bash Scripting, MATLAB, Solid Edge, Xilinx and LATEX |

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| **ㅡ** Coursework | horizontal line RegularData Structures, Discrete Mathematics, Database Management Systems, Machine Learning, CryptographyAcademic CoursesComputer Organization and Architecture, Theory of Computation, Complexity Theory, Software Tools and Technologies, Operating Systems and Compilers, Principles of Programming Languages.OthersApplied Digital Logic Design, Calculus, Probability and Statistics, Linear Algebra and Vector Calculus. |

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| **ㅡ** Extra-curricular | horizontal line SportsParticipated in InterIIT Sports meet2019,IIT Kharagpur Participated in Prayatna2.0  (Intra IIT sports meet,) 2019,IIT Bhilai |