

CONTACT
INFORMATION

Date of Birth : June 20, 1997
 Citizenship: Indian
 Master of Technology
 Department of Information Technology
 Kalyani Govt. Engineering College, Kalyani, Nadia,
 WB
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BACKGROUND

- As a bright and ambitious individual, I enjoy working in a fast-paced and highly motivating environment where I can assist others while continuously challenging and expanding my knowledge and understanding of the tasks at hand.

EDUCATION

Kalyani Govt. Engineering College, Kalyani, Nadia, West Bengal 2021–2023

- M.Tech in **Information Technology**, CGPA: **8.00**, Overall percentage of marks: **72.5**
- Advisor: Mr. Debabrata Chowdhury.
- Thesis: *A Comparative Analysis of Machine Learning Models for Poverty Prediction*

Government College of Engineering and Textile Technology, Serampore, Hooghly, West Bengal 2019–2021

- Bachelor of Technology, CGPA: **8.08**, Overall percentage of marks: **73.3**

Swami Vivekanand University, (M.P.), Sagar, M.P 2014–2017

- Diploma in Computer Science and Engineering (CSE), DGPA: **0000**, Overall percentage of marks: **76.30**

Bally Banga Sishu Balika Vidyalaya, Howrah, West Bengal. 2013

- M.P in (**WBBSE**), Overall percentage of marks: **60**

RESEARCH
INTERESTS

- Machine Learning, Data Mining, Bioinformatics, Pattern Recognition, Computational Biology, Biological Regulatory Networks, Statistical application on bioinformatics, Deep learning.

ACADEMIC
EXPERIENCE

- Assistant Professor at Department of Computer Science and Engineering, Modern Institute of Engineering and Technology (MIET), Baral Malimpur, West Bengal, (MAKAUT)** during February 2023 to March 2024..
Subjects Taught: Programming in c, Digital Electronics, System Software, PC software.
Project Guidance: i. Online Car Rental System by HTML, CSS, JAVASCRIPT ii. College Information System by PHP, iii. Online Courier Service System by PYTHON.
- Assistant Professor at Department of Information Technology, Seacom Engineering College, Sankrail, Howrah, West Bengal 711302, (MAKAUT and AICTE)** during April, 2024 to Continue.
Subjects Taught: software engineering, Data Base Management System. Practical: Data structure and algorithms using Python, C, operating system lab using shell script, PC software.

TECHNICAL
SKILLS

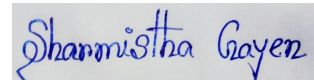
- Programming Languages:* C, C++, Java, SQL, Python, HTML, JavaScript, JSP, VB, Matlab, R.
- Subject:* Data structure and algorithms, Cryptography and Network security, Data mining, Operating System, Data Communication and Networking, Theory of Computation and Automata, Design of Algorithms.
- Technical Softwares:* MATLAB, Jupyter notebook (python), Rstudio, Simulink.

CONFERENCE PUBLICATIONS	1. Anurag Dutta; Samrat Ray; Pijush Kanti Kumar; Athilingam Ramamoorthy; Chandrasekar Pradeep; Sharmistha Gayen et. al., ““A Unified Vista and Juxtaposed Study on k-ary Search Algorithms”. <i>2nd INTERNATIONAL CONFERENCE ON NETWORKING, EMBEDDED AND WIRELESS SYSTEMS (ICNEWS -2024)</i>, the Department of Electronics and Communication Engineering, B.M.S College of Engineering, Bangalore, . 2024. 10.1109/ICNEWS60873.2024.10730930 2. Anurag Dutta, K. Lakshmanan, Pijush Kanti Kumar and Sharmistha Gayen et. al., ” An evidence-based quantitative judgment of artificial intelligence on exact sciences”. <i>SN Soc Sci</i> 5, 147 (2025).https://doi.org/10.1007/s43545-025-01173-y.
CURRICULUM RESEARCH PROJECTS	1. A Comparative Analysis of Machine Learning Models for Poverty Prediction An internal one year project (as a part of curriculum of M.Tech(CSE), June, 2021 - June, 2023) Supervisor- Mr. Debabrata Chowdhury, Assistant Professor, Information Technology Department, Kalyani Govt. Engineering College, Kalyani, Nadia, West Bengal India.
CERTIFICATIONS	• Certificate Course on computer Hardware and Networking from N.S.I.C Technical Services Centre, Under A Government of India Enterprise located at Balitikuri, Howrah, starting from 2nd january 2021 - 2nd February 2021, with grade "A". • Certificate Technician Apprentice has undergone Apprenticeship Training under the Apprentices Act, 1961 as amended in 1973 from HEAVY ENGINEERING CORPORATION LIMITED, Under A Government of India NATIONAL APPRENTICESHIP TRAINING SCHEME GOVERNMENT OF INDIA located at , Howrah, ranchi, jharkhand starting from 11th february 2019 to 10th february 2020, with grade "A".
PARTICIPATED CONFERENCES AND WORKSHOPS	1. Participated a Two days (Workshop) Faculty Development Program on Revolutionizing the future Exploring Advanced Computing in Super Computing, AI, and Quantum Computing (Offline Mode) held on 22nd to 23rd November-2024 organized by Academy of Technology (AOT) at disaptagram, Krishnapur Chandanpur, Dakshin Hazipur, West Bengal 712502, India. 2. Participated a 6-Day Faculty Development Program on “Blockchain and Cybersecurity for Cyber Threat Prevention” organised by Malaviya Mission Teacher Training Centre, IIT(ISM) Dhanbad, Jharkhand from 07th July to 12th July 2025. 3. Attended in the 5 days faculty development program on “Innovation in Recent Trends and Research Applications on Computing and Informatics” organized by the Department of Information Technology in Association with IQAC, Haldia Institute and echnology 4. Attended in the 5 daysfaculty development program on “Next Generation TechnologiesInformation and Communication” organized by the Department of IT, CSE at Bengal College of Engineering and Technology in Collaboration with IIC (Institutions Innovation Council) and EEC (Entrepreneurship Development Cell).
PERSONAL DETAILS	• Father’s Name: Bablu Gayen • Mother’s Name: Tulu Gayen • Languages Known: Bengali, English and Hindi • Permanent address: vill- Southjoypur, P.O - Anandanagar, P.S - Liluah, Howrah, West Bengal, Pin - 711227 • Gender: Female • Religion: Hindu • Category: SC

REFERENCES

I hereby declare that the above statements are true to the best of my knowledge and belief.

(SHARMISTHA GAYEN)



(Signature)