

# AYAN ROY

LinkedIn  
GitHub Profile

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## EDUCATION

**Techno India Main Salt Lake**  
Bachelor of Computer Applications, CGPA -7.01  
**Daspur Vivekananda Heigh School**  
Higher Secondary, Percentage -79.2

Kolkata, India  
June 2022 – August 2025  
Paschim Medinipur, India

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## SKILLS SUMMARY

**Languages:** Python, MYSQL, JavaScript, CSS, HTML  
**Frameworks:** React.js, Express.js, React.js, Node.js, Bootstrap  
**Tools:** OfficeWord, Excel, PowerPoint, MySQL  
**Platforms:** Cursor, Visual Studio Code, IntelliJ IDEA, NetBeans  
**Soft Skills:** Editing, Video making, People Management, Excellent Communication

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## WORK EXPERIENCE

**Trainer at Henria Unique Education Centre, Intern** February 2025  
**Training and Development**– Conducts structured training sessions to enhance student learning.  
**Curriculum Implementation**– Assists in developing and delivering educational content.  
**Student Mentorship**– Guides and supports students in skill development.  
**Performance Evaluation**– Monitors progress and provides feedback for improvement.

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## PAPER

### AI Effects on Secured hash function

- Currently working on a research paper titled "AI Effects on Secured Hash Function", focusing on Hash, RSA Algorithm, and AI.
- The paper explores the impact of AI on enhancing secured hash functions and cryptographic security using advanced encryption techniques.
- Designed and deployed analytical dashboards that supported key strategic initiatives.
- Scheduled for publication in an International Conference, contributing to advancements in Encryption and Security.
- Engaged in data analysis, algorithm evaluation, and AI-driven security enhancements to ensure high-quality research output.

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## PROJECTS

**Artsy Gallery E-commerce Website** December 24 – February 2025

**Overview :** A platform where users can buy and sell paintings, artwork, crafts, and digital edits.  
**Objective :** To help artists and creators showcase their talent globally and monetize their work.  
**Key Features :** User authentication, product listing, shopping cart, and secure payment integration (in progress).  
**Tech Stack :** Tech Stack HTML, CSS, JavaScript, MySQL, and backend frameworks JAVA, servlet.

**To-Do-List (LINK)** September 24 – October 2024

**Overview :** A platform where users can buy and sell paintings, artwork, crafts, and digital edits.  
**Objective :** To help artists and creators showcase their talent globally and monetize their work.  
**Key Features :** User-friendly UI/UX for seamless task management. Task prioritization and deadline tracking. Local storage/database integration for saving tasks. Responsive design for mobile and desktop users.

**3D model E-commerce website** March 2025

- Developing an AI-powered e-commerce platform that allows users to try on clothes using their own 3D model before purchasing. Features include virtual try-on, secure authentication, responsive UI, and payment integration to enhance the online shopping experience.

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## CERTIFICATES

**Diploma in Information Technology (BITE) (CERTIFICATE)** June 2022  
**Domestic Data Entry Operator (NCVET) (CERTIFICATE)** May 2022