

ROCKY KUNDU

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EDUCATION

JIS UNIVERSITY

Bachelor of Engineering (Pursuing)
Computer Science & Engineering

Agarpara, Kolkata

2024 - 2027

Overall GPA: **8.35/10.0**

Relevant Coursework: Data Analysis, Software Engineering, Operating Systems, Algorithms, Artificial Intelligence

SIR RAJENDRANATH MUKHERJEE GOVT. POLYTECHNIC

Diploma In Computer Science & Technology
Overall GPA: **8.20/10.0**

Basirhat, WB

2021 - 2024

WORK EXPERIENCE

EDUNET FOUNDATION (AICTE & Microsoft Initiative)

AI Intern

Virtual

April 2025 - May 2025

- Created a deep learning model for automated classification of chest X-rays to detect COVID-19, lung opacity, and viral pneumonia.
- Gained hands-on experience in medical imaging and AI model development for real-world healthcare problems.

VODAFONE IDEA FOUNDATION (VI) & AICTE

Blockchain development Intern - VOIS for Tech University Engagement Program

Virtual

Jan 2025 - Feb 2025

- Developed a decentralized land registry system on the Ethereum blockchain using Solidity.
- Implemented smart contracts to enable secure land registration and transparent ownership transfers.
- Tools Used: Solidity, Ethereum, Remix IDE, MetaMask

ARTAGE - (A training start-up company focused on software development.)

Kolkata

Front-End Web Development Intern

Sep 2023 - Dec 2023

- Developed a fully functional and responsive website for **Proviso Manpower Management** using MERN stack technologies.
- Collaborated on UI/UX improvements, React component development, and RESTful API integration.

ARDENT COMPUTECH LTD. - (A training company focused on software development.)

Kolkata

Cyber Security & Ethical Hacking Intern

Nov 2023 - Dec 2023

- Implemented the project "**Pluck Installation and Exploitation**", gaining practical experience in ethical hacking techniques and penetration testing tools.
- Explored system vulnerabilities and security configurations through guided simulations.

PROJECTS

MEET-CAM

Feb 2025

- Engineered and delivered a cross-platform **Real-Time Communication (RTC)** application, serving as a comprehensive **Virtual Meeting Platform**. Implemented core features including live audio/video streaming and a dedicated **real-time messaging module** using technologies like **Web Sockets** and **Node.js/React**.

ACTIVITIES

HEXAFA LL HACKATHON

JIS University

Volunteer

Jun - 2025

- Coordinated a 36-hour hackathon with 300+ participants across multiple domains.
- Recognized as the **Best Volunteer** for outstanding contribution to event management and support.

ADDITIONAL

Technical Skills: Python, Java, SQL, C language, JavaScript, ReactJS, PHP, Git & GitHub, Tableau, Postman, Microsoft Office

Languages: Bengali (Native), Hindi (Fluent), English (Fluent).

Certifications & Training: NPTEL: Programming in Java – Elite Certification,