# SWAPNANEEL RAY

JADAVPUR UNIVERSITY , UG –II , INFORMATION TECHNOLOGY

## CONTACT

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## PROFILE

My name is Swapnaneel Ray. I am a sophomore at Jadavpur University Information Technology branch. With a stellar academic record ( 9.19 CGPA), I wish to persue my career in Software Development . I am interested in Website and Application Development.

## SKILLS

- C++
- DBMS
- COA
- WEB DEVELOPMENT
- DSA
- OOPS

## PROJECTS

### AlgoAid : AI powered chat-bot  Chrome Extension for

https://github.com/SwapnaneelR/AlgoAid

**Developed 'AlgoAid' Chrome Extension**: Created a Google Chrome extension that integrates an AI Help button into the maang.in website, providing users with instant hints and solutions to specific questions.

**Leveraged JavaScript and Gemini API**: Utilized JavaScript and the Gemini API to power the extension's AI capabilities, enhancing the user learning experience.

**Implemented API Key Validation**: Designed a feature that prompts users for their API key, authenticates it, and securely stores it in Chrome storage for future use.

### Workforce : markdown supported Blogging website

https://workforce-eight.vercel.app https://github.com/SwapnaneelR/WORKFORCE\

**Developed 'WORKFORCE' Blogging Platform**: Created an innovative blog platform tailored for tech enthusiasts, enabling users to compose and share content with real-time Markdown rendering.

 **Implemented Real-Time Markdown Functionality**: Integrated real-time Markdown processing to enhance the writing experience, allowing users to preview formatted content instantly.

**Utilized Next.js Framework**: Leveraged the Next.js framework to build a dynamic and responsive user interface, improving overall user engagement

## EDUCATION

### Jadavpur University

2023-2027

Currently a sophomore in IT branch with an aggregate CGPA of 9.19

### St. Augustine's  Day School

2007-2023

Completed my High school education with an aggregate percentage of 97.75% in my ISC board examinations, along with a perfect 100 score in Computer Science