

# Ishita Roy

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## Education

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**Education:** B.Tech (CSE) Academy Of Technology, Hooghly 2024 CGPA: 9.4/10 | Class 12<sup>th</sup> – 90% (2020) | Class 10<sup>th</sup> – 92% (2018) |

## Technical Skills

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**Languages & Frameworks:** Core Java, HTML/CSS, JavaScript, ReactJS, Dart, Flutter, Redux, SQL (Oracle 21c, PostgreSQL)

**Developer Tools:** Git, Github, Firebase, IntelliJ IDEA, VS Code, Eclipse, Android Studio, Bash Script(Linux), Power Platform , Azure

**Skills:** Software Development, OOPS, UX/UI Design, Product Strategy Planning, Frontend Development, Android Development

## Experiences

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### Haletale - FrontEnd Developer

Dec 2024 - present

- Implementing scalable **frontend architecture** using **React-js** , modernizing legacy code and enhancing overall application performance.
- Providing **strategic UX feedback**, by refining outdated designs, ensuring a seamless experience for clients worldwide .

### Skillvalley - Software Development Intern

Mar 2023 - July 2023

- Developed and implemented front-end architecture of a full stack TPO web application using **React-js in frontend**.
- Authored comprehensive **technical documentation** for new software, **outlining system architecture, user flow**, and **troubleshooting guides**, facilitating **seamless onboarding** for development team and **reducing time spent** on support inquiries by **25%**.

### Fyipen.com - Flutter Intern

Feb 2022 - Sept 2022

- Worked under senior developer to build a doctors' **medical app using flutter**.
- Implemented **Firebase and Redux** to streamline data flow and **optimize performance**, resulting in a **40% reduction in app loading time** and overall user satisfaction.
- Performed duties in accordance with **applicable standards** and **regulatory guidelines** to promote a safe working environment.

## Projects

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**Placeit** : *React-js, Express-js, Axios, MongoDB, Node-js*

- Employed responsive design techniques to develop a responsive full-stack web application with **cross-browser compatibility** and **optimized performance**.
- Utilized **Agile methodologies** to drive iterative development and continuous improvement, resulting in a **scalable** and user-friendly solution.
- Led website **redesign** focused on **modern design principles** and user-centric navigation, improving overall user experience through thorough **user acceptance testing (UAT)** and continuous feedback implementation.

**Movie Recommender System** : *Python, Jupyter Notebook*

- Implemented a **content-based algorithm utilizing cosine similarity** to enhance recommendation engine; achieved a 25% increase in click-through rate and drove user engagement to new heights.
- Created detailed design documentation including **system diagrams, data flow diagrams**, and architectural blueprints.
- Orchestrated the integration of user feedback loops into the recommendation model, refining algorithm accuracy and enhancing personalized user experiences

**Shiksha Shakti** : *React-js, CSS3, Axios, Django*

- Directed a team of four developers, overseeing the implementation of a responsive front-end and leveraging **Git** for collaborative development.
- Coordinated all phases of the **Software Development Life Cycle (SDLC)** to drive iterative development and continuous improvement, achieving a 20% increase in efficiency and reduced page load times.
- Initiated and led impactful efforts to address teacher shortage and inadequate learning resources through software.

## Achievements

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- Certified in [Azure Fundamentals\(AZ-900\)](#) , [Power Platform Fundamentals\(PL-900\)](#).
- Participated in **5 open source events** and **2 hackathons** (*Hack4Bengal & SIH*) to gain hands-on experience.