

## Paramartha Ray

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## Internship

### Freelancer

May 2024 - October 2024

*Kohinoor Tour and Travels*

- Contributed to the advancement of the organization's robust **Tourism Booking** web application.
- Developed a responsive tourism agency website offering seamless **travel planning** and booking. Enhanced application performance, improved records' load time, and increased overall efficiency by implementing **server-side pagination**, and **nested child pagination**.
- Managed **UI design** enabling users to become efficient in **tour booking** and further offer user-engaging experience.

### Problem Setter Intern

Feb 2024 - Aug 2024

*Coden Asylums*

- Designed and developed **competitive programming problems** focused on **data structures and algorithms** for Code Asylums contests.
- Built **Java scripts** to generate random input, automate test case creation, and produce expected outputs for problem validation.

## Projects

### TMS Web App | MERN Stack, Responsive Web Design

July 2024 - Aug 2024

- Developed a responsive, full-stack web application to streamline travel planning and booking.
- It allows users to easily browse, select, and book travel options, while also managing their itineraries. Integrated real-time APIs for flight, hotel, and transport data to provide up-to-date travel options
- Reduced booking time by 30% and improved user retention through an intuitive UI/UX, making travel planning more efficient and enjoyable for users. Demonstrated scalable architecture design with a focus on modularity and high performance.
- Applied MERN stack knowledge successfully to create a fully functional MERN stack website.
- GitHub Repository Link: <https://github.com/ParamarthaRay/react-project-travel>

### Event Organizer App | Bootstrap, Handlebars, Mongo DB

Feb 2023 - March 2023

- Built a dynamic event management platform that allows users to create, manage, and RSVP to events. Integrated features such as event listings, real-time updates, and user authentication for secure event registration.
- Increased user engagement by 25% through intuitive event browsing and RSVP features, while reducing event management overhead for admins with automated scheduling and notifications.
- GitHub Repository Link: <https://github.com/ParamarthaRay/EventManagerWebsite>

## Certificates

### Building Web Applications in PHP

November 2024

Coursera — <https://coursera.org/verify/EQ4RITK1JOCT>

### Server Side JavaScript with NodeJS

March 2024

Coursera — <https://coursera.org/verify/6SQ8D68J9SMB>

## Technical Skills

**Languages** C++, Java, JavaScript

**Technologies/Frameworks:** Angular, React JS, Node JS, Git, GitHub, Laravel

**Skills:** Data Structures and Algorithms, Problem-Solving, Responsive Web Design, Scripting in Python and JavaScript

## Education

### Lovely Professional University Punjab

Since 2022

Computer Science and Engineering — CGPA: 8.00

Jalandhar, Punjab

### Hindi Higher Secondary School, Agartala

2020 – 2022

12th with Science — Percentage: 90.00%

Agartala, Tripura

### Holy Cross School, Agartala

2018 – 2020

10th with Science — Percentage: 95.00%

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