Paramartha Ray

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SKILLS

- **Languages**:   Java, C++, JavaScript, C, PHP
- **Core Subjects:**   Operating Systems, Database Management Systems, Computer Networking
- **Frameworks**:   HTML and CSS, Bootstrap, NodeJS, ReactJS
- **Tools/Platforms**: MySQL, MongoDB
- **Soft Skills**:   Team Player, Project Management, Adaptability, Communication, Resilience

EXPERIENCE

- **Kohinoor Tour and Travels**   Oct- Nov 2024
  Freelancer
    - **Project Overview**: Developed a responsive tourism agency website offering seamless travel planning and booking.
      Managed UI design enabled users to become efficient in tour booking and further offer user-engaging experience.
    - **Tech stacks used**: React.js, Node.js, and MongoDB

- **Code Asylums**   Apr 2023 – Aug 2023
  Problem Setter Intern
    - **Project Overview**: Designed and developed competitive programming problems focused on algorithms for contests.
    - **Tech stacks used**: C++, Java

PROJECTS

- **Weather Dashboard App:**   Mar 2025
    - Developed an interactive weather dashboard providing **real-time** weather updates and **5-day forecasts** for multiple locations.
    - Integrated **Open-Weather API** to fetch accurate weather data, including:
      • **Temperature**, **humidity**, **wind speed**, and **UV index**.
      • Dynamic weather icons for enhanced visual representation.
    - Improved **performance by 40%** through optimized API calls and **local storage** for recent searches.
    - Designed a **responsive UI** with an intuitive search bar and dynamic charts for weather trends.
    - Implemented **error handling** for better user experience during API failures.
    - **Tech: HTML, CSS, JavaScript, Bootstrap, ReactJS, API Integration**

- **Travel Management System (TMS) :**   Nov 2024
    - Developed a **full-stack** web application for seamless travel planning and booking.
    - Integrated real-time APIs for **flight**, **hotel**, and **transport** data updates.
    - Reduced booking time by **30%** and improved **user retention** through intuitive UI/UX.
    - Ensured **scalability** with modular and high-performance architecture.
    - **Tech: HTML, CSS, JavaScript, Bootstrap, ReactJS, MongoDB, API Integration**

- **Event Organizer Website:**   Apr 2024
    - Built a **dynamic event management** platform allowing users to create, manage and RSVP to events.
    - Increased **user engagement by 25%** with an intuitive browsing experience.
    - Reduced **event management overhead** with automated scheduling.
    - **Tech: Handlebars, Bootstrap, HTML, CSS, Node.js, Express.js, MongoDB**

CERTIFICATES

- Complete Interview Preparation - Self-Paced (Java) by GFG.   Oct-Nov 2024
- NPTEL Cloud Computing   Jul-Oct 2024
- Board Infinity Database Management and SQL   April 2024

ACHIEVEMENTS

- **Secured Global Rank 111883rd**:   October 2024
  Among 210k+ participants in Leetcode Platform

- **Attained a prominent global ranking at 111857th**:   June 2024
  Among 410k+ participants in Geeks for Geeks

EDUCATION

- **Lovely Professional University**   Punjab, India
  Bachelor of Technology - Computer Science and Engineering; ***CGPA: 8.00***   *Since August 2022*

- **Hindi Higher Secondary School**   Agartala, Tripura
  Intermediate; ***Percentage: 90%***   *April 2020 - March 2022*

- **Holy Cross School**   Agartala, Tripura
  Matriculation; ***Percentage: 95%***   *April 2018 - March 2020*