

Moumita Patra

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Training

GeekforGeeks DSA SelfPaced (Summer Training Program)

July 2024 - Aug 2024

- Learnt about Data Structures and how to implement them in real-time problem-solving.
- Developed a Sudoku solver algorithm using backtracking and recursion, ensuring valid solutions for 9x9 grids.
- Designed an intuitive UI with error checking, hint features, and conflict highlighting.
- **Tech stacks used:** DSA

Projects

Medisell

Feb2025 – Mar2025

- Built a live e-commerce platform for medicine sales using the MERN stack, achieving over 95% cross-device responsiveness with Tailwind CSS.
- Optimized responsiveness with Tailwind CSS, ensuring a seamless experience across mobile, tablet, and desktop views.
- Implemented secure user authentication using JWT, protecting sensitive user data and enhancing security.
- **Tech:** HTML, CSS, MongoDB, React JS, Node JS, Express JS, REST
- GitHub Repository: [Link](#)

Car Rental Website

Jun 2024- July 2024

- Created an engaging front-end for a Car Rental platform utilizing HTML, CSS, and JavaScript.
- Crafted a responsive and intuitive user interface that enhances usability.
- Optimized the user experience to ensure fluidity and adaptability on various devices.
- Applied CSS techniques for visual design and integrated animations using Framer Motion for dynamic interactions.
- **Tech:** HTML, CSS, JavaScript, Framer Motion
- GitHub Repository: [Link](#)

Restaurant Booking Application

Apr2024 – May 2024

- Developed an intuitive restaurant booking and food ordering system, improving user satisfaction by 25%.
- Enabled seamless table reservations with real-time availability and instant confirmations, increasing booking efficiency by 40%.
- Optimized performance using UUID and React Lazy Load, enhancing loading speed and user experience.
- Designed REST APIs for orders & menus, reducing response time by 20%.
- **Tech:** React.js, Node.js, MongoDB, Express.js, UUID, REST APIs.
- Github Repository:- [Link](#)

Achievements

- For good academic performance and extra-curricular activities at university.
- Secured 2nd rank in the All India Inter University game
- Participated and ranked 2nd in the AIU, organized by KIIT University.
- 100+ questions solved in DSA on **GeeksforGeeks**

Certificates

- ServerSide JavaScript with Node.js May 2024
- Developing Front-End Apps with React April 2024
- Complete Interview Preparation -Self-Paced (C++)by GFG July 2024

Technical Skills

- Programming Languages: Java, JavaScript
- **Technologies/Frameworks:** React.js, Node.js, HTML, CSS, Git, MongoDB, Redux, REST APIs,
- **Core Competencies:** Data Structures, Algorithms, Problem Solving, Responsive Web Design
- **Relevant Coursework:** Operating Systems, Object-Oriented Programming (OOP), Computer Networks, Database Management Systems (DBMS)
- **Soft Skills:** Problem-solving skills, Teamwork, Management Skills, Organization Skills, Adaptability, Emotional Intelligence, Attention to Detail, Visionary, Analytical, Empathetic, Agile

Education

Lovely Professional University

2021 – 2025

Computer Science and Engineering –CGPA: 7.2

Jalandhar, Punjab

Sri Chaitanya Techno School

2019 – 2020

12th with Science — 61%

vizag, Andhra Pradesh

Saraswati Sisu Vidya Mandir

2017– 2018

10th with Science —81%

Baharagora, Jharkhand