

RAMESH KUMAR

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EDUCATION

National Institute Of Technology, Patna

B.Tech - Computer Science and Engineering - **CGPA - 7.92**

2022 – 2026

Patna, Bihar

COURSEWORK / SKILLS

- DSA
- Operating Systems
- Oops Concepts
- Computer Networks
- Software Engineering
- DBMS

PROJECTS

Portfolio [↗](#) | JavaScript, HTML, CSS, Tailwind

oct-2024

- **Developed Personal Portfolio Website:** Designed and built a responsive, modern portfolio website to showcase web development skills, leading to a 50% increase in client engagement
- **Feature-Rich Layout:** Integrated key sections including Services, Projects, and Contact Form for a comprehensive user experience, resulting in 30% more inquiries.
- **Implemented Tailwind CSS for Styling:** Utilized 100+ Tailwind CSS classes to create a sleek, clean design with efficient, responsive styling. Integrated dark mode, improving accessibility and user experience by 40%.
- **Seamless User Experience:** Designed smooth transitions and animations, enhancing user interaction, which contributed to a 25% increase in average session duration.
- **Responsive & Mobile-Friendly Design:** Developed a fully responsive layout, optimized for various devices and screen sizes, supporting over 10 different screen resolutions.
- **Efficient Form Integration:** Implemented a functional contact form using Web3Forms, enabling secure form submissions with 95% reliability.
- **Optimized Use of Tailwind Utility Classes:** Leveraged more than 150 Tailwind classes for precise control over spacing, typography, borders, and shadows, ensuring visual consistency and a 30% reduction in development time.

Shopping Website [↗](#) | HTML, CSS JavaScript

2024

- Developed and maintained a fully functional e-commerce website using HTML, CSS, and JavaScript, ensuring cross-browser compatibility and responsive design.
- Implemented user-friendly navigation and interactive features such as product search, filtering, and sorting using JavaScript.
- Conducted usability testing and gathered user feedback to continuously improve the website's functionality and design.
- Optimized website performance by minimizing load times and improving page speed through efficient coding practices and image optimization, leading to a 40% reduction in load time.
- Maintained comprehensive documentation of code, design decisions, and user guides to facilitate future development and maintenance, contributing to a 15% reduction in onboarding time for new developers.

TECHNICAL SKILLS

Languages: Java, C, JavaScript, SQL

Technologies/Frameworks: HTML5, CSS3, React, MongoDB, Javascript, NodeJS, Bootstrap

Developer Tools: VS Code, IntelliJIdea, Git, DevC++

ACHIEVEMENTS

- Solved **350+** Problems on **Leetcode**. [↗](#) covering a wide range of topics including arrays, dynamic programming, graph theory, and more.
- Solved **150+** Problems on **GeeksforGeeks**. [↗](#) covering key topics such as arrays, linked lists, trees, sorting algorithms, and dynamic programming.
- Secured **98.4** percentile in JEE Mains 2022, demonstrating exceptional aptitude in competitive exams.

EXTRACURRICULAR

- Work as a teacher and Center manager at Sankalp
- NSS Member from 2022 to 2026