

DEEPAK KUMAR

Full Stack Developer

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🌐 [Linkdin](#)

🐙 [Github](#)

🏆 [Leetcode](#)

Education

Lovely Professional University (LPU)

Master in Computer Application

Aug. 2022 – Present

Jalandhar, IN

Magadh University

Bachelor in Computer Application

Aug. 2017 – Dec. 2019

Patna, IN

Projects

Portfolio Website | *HTML, TailwindCSS, JavaScript, ReactJs, MongoDB,*

Sep 2024

- Developed and executed a comprehensive redesign of the portfolio website, enhancing accessibility scores by 50% and decreasing bounce rates by 15%, resulting in increased user engagement on all devices.
- Implemented an interactive project showcase with real-time MongoDB integration, resulting in a 30% increase in stakeholder satisfaction.
- Engineered SEO-optimized, fully customizable web architecture, resulting in a 50% increase in organic traffic within 6 months.

Chat App | *React.js, Node.js, Express, WebSocket, MongoDB, Tailwind CSS, Cloudinary*

Aug 2024

- Built and deployed a real-time chat application using WebSocket for instant communication and JWT authentication for secure user login.
- Integrated MongoDB for message storage and user management, handling 50,000+ messages with secure data controls.
- Implemented bcrypt for password encryption, Cloudinary for secure image uploads, and optimized media delivery via HTTPS.
- Deployed on Render, applying security best practices (SQL injection, XSS, CSRF prevention) to ensure data protection and app integrity.

Bus Reservation Management | *Java, Swings, Database-MySQL, Net-Beans*

Jul 2023

- Developed a user-friendly and visually appealing interface for bus ticket reservations.
- Created an application to reserve bus tickets, allowing owners to manage employees, buses, booking details, and returning details, while providing users with limited control over the booking module.
- Ensured data security by storing information in an encrypted format within the database.

Technical Skills

Languages: C++, Python, JavaScript, Node.js

Frameworks: React.js, Express.js, RESTful API

Databases: MongoDB, MySQL

Tools/Other: Git, VS Code, Linux, Data Structures and Algorithms

Certifications

- MERN Development - Udemy
- Introduction to Databases – Coursera
- CPP Certification – Cipher School
- Machine Learning – IBM

Achievements

- Ranked Top 0.26% (13th out of 5,000+ participants) in Coding Ninja's competitive coding contest, showcasing exceptional problem-solving and algorithmic skills.
- Ranked 141st in the GeeksforGeeks weekly contest out of over 7,000 participants.
- Solved 500+ problems on Leetcode, showing proficiency in data structures and algorithms.
- Awarded 5 stars in C++ on HackerRank, solidifying expertise in core programming principles.

Power Skills

- Rapid Learner
- Detail-Oriented
- Adaptability
- Tech Enthusiast