

Mritunjay Kumar

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EDUCATION

VIT Bhopal University

Bachelor of Technology in Computer Science and Engineering, CGPA: 8.27

Madhya Pradesh, India

August 2021 - July 2025

D.A.V Public School, Hazaribagh

Central Board Of Secondary Education, Higher secondary examination: 86.66%

Jharkhand, India

June 2020 - July 2021

PROJECTS

E-Library Management System | JavaScript, React.js, Node.js, MongoDB

August 2023

- I designed and developed an advanced e-library management system using JavaScript, React.js, Node.js, and MongoDB. Through the implementation of advanced indexing techniques and user-centric design principles, I significantly improved resource accessibility and improved overall system efficiency.
- Achieved enhanced user interaction through frontend optimization with React.js, ensuring seamless navigation and resource interaction.
- Created a RESTful API using Node.js to manage backend functionalities such as user authentication, resource management, and data retrieval from MongoDB databases.
- Integrated MongoDB to efficiently store and manage diverse collections of e-books, research papers, and educational materials, thereby enhancing data handling and retrieval efficiency.

Mentor Me | Next.js, Tailwind CSS, PostgreSQL

February 2024

- Crafted a mentoring and resource-sharing platform for students using Next.js and Tailwind CSS, enriching 1:1 and group mentoring experiences.
- Developed a PostgreSQL-backed full-stack web application, utilizing Next.js for enhanced frontend interactivity.
- Designed intuitive user interfaces with Tailwind CSS, significantly enhancing experience and improving accessibility across mentoring and resource-sharing functionalities.
- Integrated real-time chat functionality to facilitate instant communication between mentors and mentees, increasing engagement and reducing response time.

TECHNICAL SKILLS

Programming Languages: C++, JavaScript, Python, SQL, HTML, CSS.

Frameworks & Libraries: React.js, Next.js, Tailwind CSS.

Databases: PostgreSQL, MongoDB, MySQL.

Cloud & DevOps: AWS (EC2, S3, IAM, Lambda), Docker, REST APIs.

Version Control & Tools: Git, GitHub, VS Code

CERTIFICATIONS

AWS Certified Cloud Practitioner – Amazon Web Services (AWS), 2024

Demonstrated proficiency in cloud fundamentals, AWS services, and cloud security.

NPTEL Cloud Computing – Elite Rank – IIT (NPTEL), 2024

Gained expertise in cloud infrastructure, virtualization, and security concepts.

ADDITIONAL INFORMATION

Interests: Passionate about software development, cloud computing.

Competitive Programming: Solved 400+ problems on LeetCode, GFG and Hackerrank, focusing on data structures & algorithms.

Languages Spoken: Fluent in English and Hindi.