Deepak Kumar

EDUCATION

Jodhpur Institute of Engineering & Technology

B.Tech in Computer Science and Engineering 2022 - 2026

CGPA: 9.14

MLSM College, Darbhanga

Intermediate (12th) – Science 2019 - 2021

Percentage: 87%

Vidyapati High School, Bisfi

Matric (10th) – Science 2017 - 2019

Percentage: 78.4%

TECHNICAL SKILLS

Programming Languages: Java, C, C++, Python, JavaScript, SQL

Web Technologies: HTML5, CSS, JavaScript

Frontend Frameworks & Libraries: React.js, Redux, Bootstrap, Tailwind CSS

Backend Technologies: Node.js, Express.js

Databases: MySQL, MongoDB

Tools & Version Control: Git, GitHub, VS Code

COURSEWORK / SKILLS

• Data Structures and Algorithms

• Operating Systems

• Computer Networks

• Object-Oriented Programming (OOP)

• Database Management Systems (DBMS)

• Compiler Design

• Software Engineering

• Java Programming

PROJECTS

E-Commerce Application (Learning Purpose) | MongoDB, Express.js, React.js, Node.js

 $\boldsymbol{2024}$

- Developed a full-stack e-commerce platform using the MERN stack (MongoDB, Express.js, React.js, Node.js) with Redux for state management and JWT-based authentication to ensure secure user access.
- Implemented key features such as product listing, shopping cart, user authentication, order management, and payment integration using the Razorpay API, while optimizing performance with React Hooks.
- Designed and integrated RESTful APIs for backend services, utilizing MongoDB for database management to ensure high scalability and fault tolerance.

TvFlix (Learning Purpose) | HTML, CSS, JavaScript

2024

- Developed a fully functional streaming platform, similar to Netflix, using HTML, CSS, and JavaScript, featuring a responsive UI and interactive elements.
- Implemented a dynamic movie catalog with search and filter functionality, fetching real-time data from the TMDb API for movie details, ratings, and recommendations.
- Enhanced user experience with smooth animations, interactive carousels, and a dark mode option, improving engagement and usability.

Coding Platforms

• LeetCode: Solved 100+ problems, with a competitive rating.

EXTRACURRICULAR ACTIVITIES

- Secured 2nd place in Hack-ito 2.0.
- Actively participated in **Reckon** and **Open House** events.