

Deepak Kumar

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Education

BTech in CSE(Cloud Computing and Automation) at VIT Bhopal University, Bhopal
Cumulative GPA: 8.72/10

Sep 2022 - 2026

Technical Skills

Programming Language: Java , JavaScript, HTML, Python

Frameworks and Libraries : React, MongoDB, DynamoDB

Others : Express.js, Node.js, SQL

Developer Tools : Git, Google Cloud Platform, VS Code, IntelliJ , Amazon Web Services

Projects

Freelancing Platform Website

Feb - May 2024

- Built a freelancing platform connecting VIT Bhopal students with clients.
- Implemented real-time messaging and secure payment processing to facilitate transactions.
- Adding rating & review system to improve credibility and trust within the platform.
- **Key Features:** User Authentication, Order Management, Ratings and Reviews, Real-time Messaging, Secure Payment Processing.
- **Frontend:** React, SCSS; **Backend:** Express.js, Node.js; **Database:** MongoDB , Cloudinary for image upload ; **Other:** JavaScript, Stripe for payment processing, Vercel for deployment.

Student Management System

May 2024

- Constructed a full-stack web application for managing student data.
- Designed an intuitive dashboard allowing teachers to log in, view student lists, and add/manage student records.
- Engineered using React for the frontend and Node.js with Express on the backend, streamlining student data management and enhancing user experience with faster log-in and data retrieval.
- **Frontend:** React, JavaScript, CSS; **Backend:** Node.js, Express, MongoDB; **Tools:** Git, node.js.

Farm Flow – Water Conservation Awareness Website

Jul 2024 - Apr 2025

- Develop a MERN stack-based web application promoting rainwater harvesting and water conservation.
- Implemented backend using Express.js, Node.js, and MongoDB to handle user data, technique recommendations, and chatbot interactions.
- Integrated Cloudinary for secure and optimized image uploads and media handling.
- **Key Features:** User Authentication, Technique Recommendation System, Chatbot Interface, Profile Management, Educational Content Delivery.
- **Frontend:** React, Material UI; **Backend:** Express.js, Node.js; **Database:** MongoDB; **Other:** Cloudinary, JavaScript, Vercel and Render for deployment.

Additional information

- **Languages:** Fluent in Hindi, English
- Continuously learning and improving skills in full-stack development and cloud technologies
- **Certificates:**

[Online Course in Applied Machine Learning in Python \(Coursera\)](#)

Dec 2023

[Cloud Computing Foundations \(Coursera\)](#)

Feb 2025

[Online Course in AWS Solution Architect – Associate \(Ethnus\)](#)

Apr 2025

[Online Course in Problem Solvers: Mastering DSA \(FacePrep\)](#)

Apr 2025