

# Vikash Sharma

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## Education

<b>Gautam Buddha University</b> <i>Master of Computer Application (8.2 CGPA)</i>	<b>2022-24</b> Noida, India
<b>Maharshi Dayanand University</b> <i>Bachelor of Computer Application (8.8 CGPA)</i>	<b>2019-22</b> Rohtak, India

## Certifications

<b>Full Stack Developer (MERN &amp; MEAN)   Udemy</b>	2022
<b>Python + Data Science + Machine learning   Ducate   Noida</b>	2022
<b>Selenium + Python   Udemy</b>	2024
<b>DevOps with AWS   Udemy</b>	Running

## Projects

### Hate Speech Detection Model (group project) | Python, Flask, Node, HTML, CSS, JS

- Spearheaded the integration of advanced NLP algorithms into data processing pipeline enhanced feature extraction **accuracy by 40%** and reduced processing **time by 25%**.
- Integrated back-end (Flask) with a Front-end (Node) API to enable seamless communication with the front end of the application.
- Improved the safety and security of online communities by detecting and preventing the spread of hate speech.

### Virtual Study Platform (SAcedmic) | React, NodeJs, MongoDB, HTML, CSS, JS

- Frontend: Create a React project with components for registration, courses, video player, and forums; style with CSS/Bootstrap.
- Backend: Set up an Express server in Node.js, create API endpoints for user auth, course management, and forums; use JWT for authentication.
- Database: Use MongoDB with Mongoose for schemas/models for users, courses, and posts; perform CRUD operations.
- Integration: Connect React frontend to Express backend using Axios; manage state with React state API or Redux.
- Deployment: Deploy the Express server on Heroku.

### Alumni tracker system | Technology: HTML, CSS, Node Js, Express, MongoDB

- Frontend: Develop user interface for registration, login, and profile management using HTML and CSS.
- Backend: Create routes and middleware using Node.js and Express for handling authentication, profile updates, and data interaction.
- Database: Design MongoDB schema to store alumni information and connect it with Node.js using Mongoose.
- Functionality: Enable alumni registration, login, profile updates, search functionality, and administrator management features.
- Deployment: Deploy the system on hosting platforms like Heroku, ensuring scalability, performance, and security.

## Technical Skills

**Languages:** C, C++, JavaScript, Python, HTML, CSS,

**Framework:** Bootstrap, Tailwind CSS,

**Database:** MySQL, MongoDB

**Library & Tools:** React, Angular, Figma

**Operating Systems:** Windows, Linux

## Achievements

\*Awarded Certificate of Team White Smoke Engineers as Runner-up(AIR-2) Web-A-Thon organized by AppTechTell on 18-19 December 2020 (12/2020)

\*Awarded Certificate of First Position in WEB WEAVER TECHNOTSAV (ACHIEVERS- 2022) organized on 10/05/2022.