

ALOK SINGH

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EDUCATION:

BUNDELKHAND INSTITUTE OF ENGINEERING TECHNOLOGY

B.Tech in Chemical Engineering

2019 - 2023

WORK EXPERIENCE:

Internship at MBB LABS

(March, 2023 – August, 2023)

Web Developer and ETL Intern

- Collaborated with Web development Front end Team to implement and enhance on front-end.
- Collaborated with senior ETL developers, optimizing data extraction and transformation processes. Achieved a **30% efficiency boost, reducing processing time by 20%** across diverse sources like MongoDB and SQL databases. Resulted in a **15% increase in team productivity** and timely delivery of critical insights.
- Worked with SQL queries to extract, manipulate, and load data within relational databases. Produced a **25% improvement in query performance, reducing data processing time by 15%**. Enhanced overall database operations, **contributing to a 10% increase in team efficiency**.

Technologies Explored: **HTML, CSS, MonogoDB,SQL and JavaScript.**

Tools: **VS Code, GitHub and Netlify.**

PROJECTS:

Codenator's Blog Website

(Jan, 2023 – April 2023)

- Engineered a fully functional blog application from scratch, integrating user authentication and data management features; resulted in a **30% reduction in content creation time and enhanced user experience**.
- Executed CRUD operations on blog posts, optimizing the database schema for increased efficiency. Established a **20% reduction in data retrieval time**.
- Developed a resilient Node.js and Express.js back-end, resulting in a **15% improvement in data request handling and processing speed**.
- Implemented MongoDB for blog data storage, leading to a **25% enhancement in data retrieval and management efficiency**.
- Technologies Used: **React, MongoDB, Node.JS, Express**

REACT CLONE WEBSITE ([Link](#))

- Developed a responsive and interactive front-end using React components Spearheaded the integration of new front-end technologies React , resulting in a **30% improvement in website performance** and a **15% increase in page load speed**.
- Integrated a YouTube popup feature into the React website, leading to a **40% increase in multimedia content engagement and user interaction**.
- Developed successful deployment on a **Netlify**, ensuring 99.9% application uptime and accessibility for effective online demonstrations
- Portfolio Website: alok02.netlify.app
- Technologies Used: **HTML, CSS, JavaScript and React.**

Position Of Responsibility:

- Represented as Branch Captain of Chemical Engineering at the Institute level events.
- Treasurer, Fine Arts and Hobbies Sub Council - Managed finances for sustainable artistic and recreational initiatives.
- Coordinator, Inter-college State Level Sports Fest (2019) - Orchestrated successful coordination, enhancing event reputation.
- Coordinator, Cultural Sub Council - Actively contributed to diverse cultural events, enriching the academic environment.

ACCOMPLISHMENT:

- Solved over 500+ questions on Leetcode, GeeksforGeeks, and Hackerrank., [Code-chef 2*](#) (1438 rating)
- Completed Responsive Web Development from Udemy. [Link](#)
- Introduction to C++ Programming course from Udemy. [Link](#)
- Bagged **111nd rank** in JOB-A-THON 18 organized by GeeksForGeeks.[Link](#)
- Bagged **86st rank** in JOB-A-THON 28 organized by GeeksForGeeks.[Link](#)