VISHAL KUMAR GAUTAM

Student — Computer Science Engineering (AI-ML)

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EDUCATION

Pranveer Singh Institute Of Technology	**07 2022 – Present**
*B.Tech in Computer Science Engineering(AI-ML) - **SGPA** - 6.9*	*Kanpur, India*
Govt. Govind Ballabh Pant Polytechnic	**08 2018 – 7 2021**
*Diploma - Mechanical Engineering (Production) - **Percentage** - 77.45%*	*Lucknow, India*

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Database Management System (DBMS)
- OOPS Concept
- Full Stack Development

PROJECTS

Interactive News Summarization Tool ⧉ | Python

- **Utilized Natural Language Processing Techniques:** Integrated libraries such as NLTK and TextBlob to perform natural language processing tasks, including text summarization and sentiment analysis. Leveraged the TextBlob library to analyse the sentiment of the summarized content, providing users with insights into the overall tone of the article. .
- **Implemented Web Scraping:** Incorporated the Newspaper library for web scraping functionalities, enabling the application to fetch and parse news articles from various online sources. This functionality enhances the tool's versatility by allowing users to summarize articles from a wide range of news websites effortlessly. .

StudyNotion (EdTech) Web Application ⧉ | React, MongoDb, Express, NodeJs, Tailwind

- **Utilized React for Front-End Development:** Implemented React.js library for building dynamic and responsive user interfaces, ensuring a user-friendly experience across various devices and screen sizes.
- **Integrated MongoDB and Express for Back-End Operations:** Leveraged MongoDB as the database solution and Express.js framework for back-end development, enabling efficient data storage, retrieval, and manipulation. This robust combination ensured smooth communication between the front-end and back-end components of the application, enhancing its overall performance and scalability..

Hospital Dost Web Application ⧉ | React, MongoDB, Express, Node.js, Tailwind

- **Implemented Advanced Front-End Techniques:** Utilized the React.js library to build a responsive and dynamic user interface for the Hospital Dost application. Leveraged the power of React's component-based architecture to create reusable UI components, enhancing development efficiency and code maintainability. Integrated Tailwind CSS to ensure a visually appealing design with a focus on user experience.
- **Developed a Robust Back-End:** Leveraged the power of the Express.js framework to build a scalable and efficient back-end for the Hospital Dost application. Integrated MongoDB, a NoSQL database, for secure and efficient data storage, retrieval, and management. This combination ensured seamless communication between the front-end and back-end, resulting in a highly responsive and reliable web application.

TECHNICAL SKILLS

Languages: C, C++, JavaScript, SQL, NoSQL
Technologies/Frameworks: ReactJS, NodeJS, ExpressJS, Git, Mongo, GitHub
Soft Skills: Quick Learner, Active Listener, Adaptability, Critical Thinker

CODING PLATFORMS

- Solved **250+** Problems on **Leetcode.** ⧉
- Solved **150+** Problems across **GeeksforGeeks.** ⧉

CERTIFICATIONS

- Full Stack Development - CodeHelp
- Low Level Design & OOPs - CodeHelp
- Programming Fundamentals using Python Part 1/2 - Infitq SpringBoard