VIKRANT PRAJAPATI

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PROJECTS

Mastering DSA: Arrays, Searching & Sorting ↗
Jul 2025 - Aug 2025

Developed a strong foundation in Data Structures and Algorithms by implementing and optimizing solutions for real-world problems. Focused on arrays, searching algorithms, and sorting techniques. Applied hands-on problem-solving to enhance efficiency and algorithmic thinking.

Advanced Problem-Solving in Recursion, Linked Lists, Stacks, Queues, and Trees ↗
Aug 2025

Developed strong Data Structures and Algorithms (DSA) skills by solving complex challenges in recursion, linked lists, stacks, queues, and trees. Gained hands-on experience in implementing and optimizing data structures, improving problem-solving efficiency for technical interviews.

Developed an AI-Powered YouTube-Inspired Platform ↗
Jun 2025 - Jul 2025

Built an AI-Integrated YouTube Clone using the MERN Stack, featuring secure JWT-based authentication, video uploads, and a responsive UI. Integrated AI to suggest SEO-friendly channel names, descriptions, and video titles, and added a commenting system to enhance user interaction.

Developed APIs with Node.js and Express.js for Shoppyglobe ↗
May 2025 - Jun 2025

Extended the ShoppyGlobe e-commerce platform by developing a backend using Node.js and Express.js to handle data storage, user authentication, and API endpoints. I utilized MongoDB for efficient data storage and retrieval, ensuring smooth interaction between the front end and back end. I developed RESTful API endpoints for key functionalities like product listing, user registration, authentication, and shopping cart management. Token-based authentication using JSON Web Tokens (JWT) was implemented to enhance security and user session management. My focus was on building a scalable, secure, and high-performance backend that integrates seamlessly with the front end.

ShoppyGlobe E-commerce Application ↗
Apr 2025 - May 2025

Developed ShoppyGlobe, a fully operational e-commerce platform, allowing users to explore products, manage a shopping cart, and complete transactions. I built a responsive, user-friendly interface using React and React Router, ensuring smooth navigation across pages. Redux was used for efficient cart and state management, enabling seamless updates during the shopping process. I integrated an API to dynamically fetch product data, providing real-time updates and improving performance. The app was optimized for performance and responsiveness across devices, focusing on delivering a fast and engaging shopping experience.

Weather Forecast Application ↗
Apr 2025

Developed a weather forecast application with a user-friendly interface, enabling users to check real-time weather and forecasts for specific locations. I implemented asynchronous API requests to retrieve weather data and dynamically update the DOM to display current conditions and future forecasts. The application was designed with a focus on responsiveness and seamless user experience, ensuring accessibility across various devices. I utilized JavaScript for efficient data handling and interaction, enhancing the overall functionality and interactivity of the application.

Personal Portfolio Website ↗
Mar 2025

Developed a personal portfolio website using HTML and CSS to professionally showcase my skills, projects, achievements, and contact information. The design was clean and responsive, ensuring a seamless user experience across various devices and screen sizes. I demonstrated strong front-end development skills by creating a visually appealing and well-structured layout that enhances my professional online presence. Additionally, I implemented effective navigation and UI elements to improve user interaction and accessibility for potential clients and employers.