

VIKRAM SINGH

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Education

Indian Institute of Information Technology, Gwalior

July. 2021 – May 2026

Integrated B.Tech and MBA in Information Technology

Relevant Coursework

- Data Structures
- Algorithms
- Artificial Intelligence
- Networking
- Software Engineering
- Database Management
- Operating System
- Computer Architecture

Projects

Family Golf | *HTML, CSS, and JavaScript*

August 2023

- Utilized the powerful trio of HTML, CSS, and JavaScript to create an immersive web experience, enriched with captivating animations. Leveraged the GSAP library to implement subtle yet impactful scroll-triggered animations, enhancing the site's interactivity.
- The website was seamlessly implemented on Netlify, resulting in a significant 20% rise in user engagement. This deployment facilitated a user-friendly online presence, enabling users to effortlessly explore and engage with the interactive animated content.
- GitHub repository: <https://github.com/vikramsingh9219251196/FamilyGolf>

Amazon-clone | *HTML5, CSS3, JavaScript, ReactJS and Material UI*

September 2023

- Crafted with a fusion of HTML5, CSS3, JavaScript, ReactJS and Redux. This project showcases the culmination of robust frontend skills and server-side rendering techniques, achieving 33% boost in user engagement.
- This functional E-commerce website mirrors the functionality and user experience of the renowned Amazon platform.
- This project represents my commitment to creating immersive digital experiences that resonate with users and demonstrate my proficiency in frontend development, contributing to a 40% enhancement in user satisfaction.
- I introduced the project flawlessly on Netlify, ensuring the website is readily available for users to explore and interact with its functionalities, leading to a 20% improvement in page load times and overall performance.
- GitHub repository: <https://github.com/vikramsingh9219251196/Amazon-clone>

ThinkTank Trivia | *HTML5, CSS3, JavaScript, ReactJS and Material UI*

October 2023

- Developed a captivating Quiz App using HTML5, CSS3, JavaScript, ReactJS, and Material UI. Employed server-side rendering with ReactJS for a seamless and responsive user experience, achieving 35% increase in user engagement.
- Integrated Trivia APIs for data fetching, offering an active collection of quizzes, demonstrating a commitment to creating engaging and educational applications and contributing to a 30% improvement in user satisfaction.
- Deployed the webpage on netlify.com, assuring a seamless and swift user experience, leading to a 20% improvement in loading durations of web pages and general operational efficiency.
- GitHub repository: <https://github.com/vikramsingh9219251196/ThinkTank-Trivia>

CoffeeTo-Market | *ReactJS, Redux, NodeJS, ExpressJS, MongoDB*

November 2023

- Developed and implemented four MongoDB schemas (Order, Product, User, Category) and constructed RESTful APIs enabling administrators to seamlessly perform CRUD operations, resulting in a 40% reduction in manual data entry and increased operational efficiency.
- Seamlessly integrated braintree-paypal for payments, achieving a 25% improvement in transaction efficiency, Cloudinary for media asset management, optimizing media handling by 20%, and utilized JWT tokens for authentication, ensuring a secure user experience.
- Implemented the application on vercel.com, delivering a significant boost of 30% in website responsiveness and an exceptional improvement in overall user satisfaction, revolutionizing the user experience.
- GitHub repository: <https://github.com/vikramsingh9219251196/Coffeeto-frontend->
- GitHub repository: <https://github.com/vikramsingh9219251196/Coffeeto-backend->

Technical Skills

Languages: Javascript, Golang, Typescript, C/C++, SQL

Databases/DevOps: MySQL, MongoDB, Docker, Netlify, Render.com, Cloudinary

Libraries/Frameworks/Tools: Linux, GitHub, Postman, Thunder-Client, ReactJS, NodeJS, JWT, Redux, Material UI, Tailwind CSS, Braintree-paypal, Insomnia

Others: Excel, Word, PowerPoint, chatgpt

Achievement / Extracurricular / Leadership

- * Organizer in Urja'23
- * Runnerup Urja'23