

JAY VEGAD

+91 8849251028 jayvegad10@gmail.com Vegadjay in jayvegad jayvegad.in

EDUCATION

Darshan University
B.Tech in Computer Science Engineering
Current CGPA: 8.0/10.0

July 2023 – June 2027
Rajkot, Gujarat, India

ABOUT ME

Passionate full-stack developer with a focus on creating beautiful, responsive frontend designs. Skilled in building dynamic web applications using Next.js, Framer Motion, and GSAP, with certifications from HackerRank in multiple programming languages. Eager to collaborate on impactful projects and solve real-world problems, blending creativity and functionality to deliver innovative solutions.

PROJECTS

SnapShop - Multivendor E-commerce Platform December 2024 Github • Live Demo

- Architected and implemented a scalable backend infrastructure for a multivendor e-commerce platform using Node.js and Express.js
- Designed comprehensive RESTful APIs supporting product management, user authentication, order processing, and vendor operations
- Implemented robust security measures including JWT authentication, role-based access control, and data validation
- Utilized MongoDB for efficient data modeling and management of product catalogs, user profiles, and transaction histories

YT Hub - Startup Platform Nov 2024 Github

- Engineered a modern startup showcase platform using Next.js and Sanity CMS, featuring dynamic content management
- Implemented sophisticated animations using Framer Motion to create engaging user interactions
- Optimized performance through efficient state management and lazy loading techniques
- Achieved 90+ Lighthouse score for performance and accessibility metrics

MERN Stack To-Do Application August 2024 Github

- Developed a full-stack task management application using MongoDB, Express.js, React, and Node.js
- Implemented JWT-based authentication system with secure password hashing and token management
- Created real-time updates using Socket.io for collaborative task management
- Designed and implemented a responsive UI with Material-UI components

Real-Time News Application June 2024 Github

- Built a dynamic news aggregation platform using React and Redux for state management
- Integrated multiple news APIs with custom caching solution for improved performance
- Implemented advanced filtering and search functionality with debouncing
- Designed mobile-first responsive layouts using Tailwind CSS

Interactive Stack Game July 2024 Github • Live Demo

- Developed an engaging browser-based game using React and Three.js for 3D animations
- Implemented complex game physics and collision detection algorithms
- Optimized rendering performance using React's virtual DOM and useCallback hooks
- Created responsive controls for both desktop and mobile devices

Tic-Tac-Toe Game May 2024 Github • Live Demo

- Built an interactive game using vanilla JavaScript and modern CSS
- Implemented game logic with efficient state management
- Created an unbeatable AI opponent using the minimax algorithm
- Designed responsive UI with smooth animations and transitions

ACHIEVEMENTS

- HackerRank Certifications** in JavaScript, React, CSS, Java, and SQL (Basic & Intermediate)
- Developed and deployed 6+ full-stack web applications with modern technologies
- Consistently maintained high academic performance with 8.0 CGPA

TECHNICAL SKILLS

- Languages:** JavaScript (ES6+), TypeScript, HTML5, CSS3
- Frontend:** React.js, Next.js, Framer Motion, GSAP, Tailwind CSS, Bootstrap
- Backend:** Node.js, Express.js, RESTful APIs
- Databases:** MongoDB, SQL, Firebase
- Tools & Platforms:** Git, GitHub, VS Code, Postman, Linux, Netlify, Vercel