Kushal Vala

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WORK EXPERIENCE

SaturnCube Technologies — Front-End Developer   **July 2019 – Jan 2023**

- Developed 15+ dynamic and 100% responsive user interface using React JS, including the implementation of React Hooks, Context APIs, state management with Redux for efficient data flow and application control.
- Applied 2+ web application based on server-side rendering with Next JS to enhance 99% application performance and SEO optimization.
- Implemented 10+ responsive web application development designs with Flexbox and Grid, animations for a 100% visually engaging user experience using HTML, CSS, JavaScript and popular frameworks such as Bootstrap, React-Strap, Material-UI (MUI), and Tailwind CSS.
- Collaborated on server-side scripting using Node JS and Express JS to the creation of Restful APIs / interface in 4+ live projects and Implemented 12+ secure authentication with OAuth and JWT (JSON Web Tokens) for data transmission security in both Frontend and Backend.
- Worked with 2+ databases like Mongo DB, MySQL, and JSON, to provide efficient data storage and retrieval.
- Implemented ESLint, conducted code reviews, CI/CD systems and followed the Software Development Life Cycle (SDLC) to maintain 99.68% coding quality requirements of the products.
- Applied optimization techniques like code-splitting and lazy loading to enhance 99.5% app performance.
- Demonstrated critical thinking, problem-solving and analytical programming skills to solve 95.26% technical complex problems and contribute to innovative solutions.

Free Lancer — Front-End Developer   **Jan 2023 – Present**

- Developed 3+ dynamic and 100% responsive web applications using React JS including the implementation of React Hooks, Integrated state management with Redux for efficient data flow and application control.
- Implemented 4+ responsive web application for a 100% visually engaging user experience using HTML5, CSS3, Bootstrap, Material-UI (MUI), and Tailwind CSS and more UI / UX components.
- Utilized JSX, and JavaScript (ES6+) to create 91.29% scalable and maintainable code.
- Worked on asynchronous and object-oriented programming best practices and debug issues.
- Engaged in continuous learning, research and development (RND) to stay 87% ahead of market emerging technologies.
- Collaborate with cross-functional teams, quality assurance department to understand business requirements and contribute to the overall architecture and design of the applications.
- Utilized Git platforms like GitHub, GitLab, pipelines, and Bitbucket for version control system.

SKILLS & INTERESTS

- **Front-End Web Development:** React JS, Server-Side Development with Next JS, TypeScript, JSX and JavaScript (ES6+), Redux, React hooks, Context API, webpack, babel NPM, Yarn, Vite.
- **UI/UX Designs and Frameworks:** HTML5, CSS3, Flexbox, Grid, responsive designs, Animations, SCSS, SASS, Styled-Components, Bootstrap, React-Strap, Material-UI (MUI), Tailwind CSS, Figma.
- **Back-End Development:** NodeJS, Express JS, Rest APIs, OAuth, JWT (JSON Web Tokens).
- **Database Management:** Mongo, MySQL, JSON.
- **Version Control:** Git, GitHub, GitLab, Bitbucket, agile methodologies, Jira.
- **Code Quality Management:** ESLint, Software Development Life Cycle (SDLC).
- **Testing Tools:** Functional UI Test, Unit Testing, Jest, Mocha, Postman API testing.
- **Performance Optimization and Problem Solving:** Code-Splitting, Lazy Loading, Optimization Skills, Cross-Browser compatibility, Critical Thinking, Analytical Skills, troubleshooting skills, Debugging Skills, Innovation.
- **Soft Skills:** Communication skills, decision making, Creativity, Adaptability, Attention to Detail, Collaboration, Time management, Teamwork, Team Player, Leadership, Continuous Learning.

CERTIFICATIONS

- JavaScript Mastery (Udemy): View Certificate

EDUCATION

Master of Science in Information Technology   **July 2016 – Apr 2018**
Shri Maneklal M. Patel Institute of Sciences and Research, Gandhinagar, India.

Bachelor of Computer Application   **July 2013 – Apr 2016**
P. D. Pandya Institute of Computer Application, Ahmedabad, India.

PROJECTS

I have worked on multiple projects (User panels and Amin Panels) and here I am providing some best projects with their descriptions, tools and technology used and link (only authorized to share only). You can also view more live projects on my portfolio. Click here to view my portfolio site.

EV India - Live Preview

Tools and Technology: React JS, JavaScript, Bootstrap, HTML5, CSS3, Stripe, NPM, Google Map, Restful APIs.

- The purpose of this website is to get all details of existing and upcoming electric vehicles with all details like price, specifications, variants, EMI details, inquiry, reviews and ratings, news, videos, blogs, ratings and charging infrastructure and many more with filters.
- User can get company list with details and available vehicle types, posts, news, events, infrastructure, vehicle availability etc.
- User can upload any images, videos, blogs and reviews from profile and also get the community details given in the community forum.
- In admin site, admin can manage all companies, vehicles users, and also can upload blogs, posts and other required details.

Time2Enter - Live Preview

Tools and Technology: React JS, Bootstrap, HTML5, CSS3, NPM, Google Map, Stripe, Restful APIs.

- This site contains 3 accounts (User, Secretary and Administrator) and the purpose of this website is to handle users from event participation for their breeds related information.
- Secretary can manage all types of plans events, exhibitors, judges, profiles and other settings.
- User can view events, participate in events, purchase plans, Info center categories and sub categories.
- Admin can manage all the users, exhibitors, secretaries, plans, Judges, categories, breeds, sweepstake points, sub categories and other scenarios and functionalities.

Elumat - Live Preview

Tools and Technology: React JS, Bootstrap, HTML5, CSS3, Restful APIs, NodeJS.

- Elumat is an innovative educational tool meticulously crafted to inspire and engage students in the realm of mathematics, while simultaneously cultivating their proficiency in reading and writing.
- Children enjoy solving puzzles. Elumat provides a simple, yet creative way for teachers to combine mathematics and language into a self-checking and unique, A4 student puzzle. Examples can be found, linked on the main page. They illustrate how mathematics can be catered to a wide variety of student ability. Print sets of PDFs for classes, school events, excursions or homework tasks.

Staff Roster (Time Umpire)

(Can't provide a link because it's redirected with allocation Id and User Id from the admin panel)
Tools and Technology: React JS, Bootstrap, HTML5, CSS3, Restful APIs.

- This site is generated for the Time Umpire Game Management and only accessible with the user id and association id by administrator after clicking date from the date-picker.
- User can allocate Referees, mentors and supervisors in particular timeframe and in particular court number with many ways ex: By drag and drop / selection in any court in timeframe.
- User can change availability, add notes, add comments, and update staff details.
- In Admin can filter allocated staffs, supervisors, mentors with their availability, status, highlighted, un-allocated and also can get notifications for particular staff.
- Roster can be released by the admin after allocation completed.