Tarun Kumar Mistry
Software Developer
+91 6369653235 | mistrytarun2000@gmail.com | Portfolio | Github | LinkedIn

SUMMARY

Driven Software Developer focused on creating intuitive and impactful digital solutions. By blending technical proficiency with creative thinking, I tackle complex challenges to build seamless user experiences. Proven ability to collaborate effectively with cross-functional teams, delivering results that enhance user engagement and drive positive outcomes.

TECHNICAL SKILLS

Languages: DOM (Document Object Model) JavaScript (JS) (with JSX as an extension)
Operating system: Windows, Basics of Linux commands
Technologies/Framework: React.js, Node.js, Express.js, mongoose, Tailwind CSS, Material UI, HTTP, REST
Database: MongoDB
Tools: Git, Render, Netlify, Vercel, Postman, Heroku, Figma

PROFESSIONAL EXPERIENCE

Shiash Info Solution Pvt Ltd
Python Developer (intern)   *May 2022 - Aug 2022*
Technologies: Python, Django, MySQL, REST API, HTTPS
- Administered and maintained backend services and complex databases, ensuring secure and efficient API integrations to boost application robustness.
- Collaborated with diverse teams to deliver high-quality features and resolve intricate technical challenges.
- Engaged in code reviews to refine coding practices and improve project quality, while enhancing skills in backend development, database management, and API integration.

PROJECTS

Medify
Demo-Link
- Crafted a React web app for US medical facilities and appointments, boosting user engagement by 20%.
- Directed integration of vital features: location search, facility listings, booking, and user dashboard, driving a 30% increase in user interactions.
- Ensured smooth user experience with responsive design, reducing bounce rate by 25%, and employed Swiper.js for carousels, lifting page views by 40%.
- Integrated APIs for efficient data management, halving data retrieval time, and utilized localStorage, reducing server load by 60%.

Qkart-Frontend, E-commerce Application
Demo-Link
- Engineered a high-performance React SPA with flawless API integration.
- Oversaw user-centric design: authentication, cart, checkout (+30% engagement).
- Revitalized user satisfaction by 40% through Material UI overhaul.
- Implemented debouncing: 50% acceleration in search speed & enhanced address management.
- Integrated context API for efficient state management, enhancing overall application performance
- Leveraged code-splitting and lazy loading to enhance load times, resulting in a 25% reduction in initial load time.

Qkart Backend, E-commerce Application built using Backend Technologies
Demo-Link
- Developed 30+ RESTful APIs for E-commerce, covering user accounts, product catalog, cart, checkout, and orders.
- Streamlined maintenance with a layered architecture, cutting time by 40% and scaling to 1 million concurrent users.
- Leveraged MongoDB NoSQL database to cut query response time by 50%, ensuring efficient data handling and seamless user experience.
- Designed and integrated a comprehensive authentication and authorization system using OAuth 2.0, enhancing security and user experience.
- Optimized server-side performance by implementing caching mechanisms with Redis, resulting in a 35% improvement in page load times.

QTify, Song Browsing Application
Demo-Link
- Demonstrated proficiency in Figma design, accurately identifying all front-end elements.
- Enhanced user engagement by implementing a genre-based song filter with MaterialUI tabs, resulting in a 40% increase in interaction.
- Seamless integration of backend data via REST APIs using Axios and Redux, ensuring smooth data flow.
- Improved performance with techniques like Webpack code-splitting, React Lazy, Suspense, and CDN asset delivery, achieving 50% faster page loads.

QTrip, Travel booking Application
Demo-Link
- Orchestrated a comprehensive revamp of the web page, leading to a 30% surge in user engagement while maintaining full control over user preferences.
- Crafted interactive web elements with HTML, CSS, and JavaScript, boosting user retention by 30% and reducing bounce rates by 20%.
- Implemented a streamlined, responsive design across all devices, enhancing usability and accessibility, which contributed to a 25% increase in mobile traffic and improved user satisfaction scores by 15%

BotAI, Chat bot application
Demo-Link
- Constructed a responsive AI chat application utilizing ReactJS with over 20 custom JSON-simulated AI responses.
- Devised diverse user feedback systems including thumbs up/down, 5-star ratings, and subjective comments, enhancing user interaction by 30%.
- Developed features for saving, accessing, and browsing up to 100 chat histories with related feedback.
- Refined UI/UX leveraging Material UI, integrating a light/dark mode toggle, improving user satisfaction by 25%.

CERTIFICATION

Fellowship in Software Development — crio.do
Internship certification — Shiash info Solution Pvt Ltd

EDUCATION

Coimbatore Institute of Technology   *Aug 2018 - Oct 2022*
B.E. Electronics and Communication Engineering | CGPA- 7.6