TARUN KALE

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Aspiring to leverage academic background in **Front-end Development and UI Design** to contribute to the creation of innovative and user-friendly web applications. Eager to apply skills and enthusiasm for improving user interaction and satisfaction in a dynamic IT environment.

CORE COMPETENCIES

- User Experience Design
- Web Application Development
- Agile Methodologies
- Cross Browser Compatibility
- Mobile First Design
- Software Development Life Cycle
- Quality Assurance
- Data Visualization
- Cloud Computing

EDUCATION

Bachelor of Engineering in Electronics and Communication, Oriental Institute of Science & Technology - 2020

TECHNICAL SKILLS

- Advanced Front-end Development: React.js, JavaScript ES6, HTML5, CSS3, Tailwind CSS, React Redux
- State Management: Context API, Redux
- Responsive Web Design: Bootstrap, Media Queries
- Version Control: Git, GitHub
- Development Tools: Tabnine, Blackbox
- AI Tools: Prompt Engineering (ChatGPT)
- Database Management: Firebase
- API Integration: RESTful APIs, JSON
- Performance Optimization Techniques
- E-Commerce Solutions

CERTIFICATIONS

- BE10X AI Mastery Course - Pursuing
- HTML Certification (KG Coding - 2024
- Git Course Certificate (Udemy) - 2024
- BE10X AI Workshop 2024
- Prompt Engineering (Great Learning) - 2024
- CSS Properties (Great Learning) - 2024
- React and Redux Certification (KG Coding) - 2023

PROFILE SUMMARY

- Gained rich experience of 3 months in the IT sector, as documented in my offer letter focusing on front-end development and UI design, while consistently producing web applications that notably improved user interaction and satisfaction.
- Worked as a Trainee Developer and UI Designer at Tek Analytix, actively participating in the creation of dynamic and attractive websites while refining skills in contemporary web technologies.
- Cultivated a diverse skill set in front-end technologies such as HTML5, CSS3, JavaScript, and React.js, while acquiring essential knowledge of UI design principles and industry best practices throughout the professional journey.
- Successfully contributed to over 20 mini and major projects, such as the E-Bike platform and Nike Shoe Hub.
- Built a Bicycle Website using React.js, Tailwind CSS, and JavaScript, utilizing the Context API for state management; the site features categories for E-Bikes, Regular Bikes, and Rental Bikes, with advanced filtering, sorting, and Firebase authentication.
- Developed a Nike shoe collection website using React and Tailwind CSS, with Vite for optimized performance. The site boasts a responsive design, an interactive search bar for easy shoe name lookup, and pop-up windows for product descriptions and purchase confirmations.
- Gained expertise in state management methodologies, especially utilizing Context API, which was crucial in crafting scalable and sustainable web applications and earned certifications in React, HTML, Git, and AI tools.
- Acquired proficiency in utilizing modern front-end frameworks and libraries, particularly React.js, to build dynamic and responsive web applications that prioritized user experience and accessibility, exhibiting a commitment to best practices in web development.
- Leveraged prompt engineering to craft optimized, visually striking, and user centric UI designs, while advancing expertise in generative AI through the BE10X program

WORK EXPERIENCE

Tek Analytix
Trainee Developer (Front-end) / UI Designer
Jun'22 to September'22 | Pune, Maharashtra
Key Result Areas:

- Managed the development of user-centric web applications utilizing HTML5, CSS3, and JavaScript, ensuring adherence to best practices in coding and design.
- Collaborated with Design Teams to create visually appealing UI components that enhanced user engagement and satisfaction across various platforms.
- Engaged in rigorous testing and debugging processes to identify and resolve issues, ensuring optimal performance and functionality of web applications.
- Implemented responsive design principles to ensure seamless user experiences across devices, enhancing accessibility and usability for all users.
- Conducted thorough research on emerging web technologies and trends, integrating innovative solutions into ongoing projects to maintain a competitive advantage.
- Assisted in the development of project documentation, including technical specifications and user manuals, to facilitate knowledge transfer and project continuity; participated in code reviews and team meetings, contributing insights and suggestions to improve overall project outcomes and team collaboration.

PROJECTS

E-Bike

- Developed a Bicycle Website using React.js, Tailwind CSS, and JavaScript, leveraging Context API for state management. The site includes categories for E-Bikes, Regular Bikes, and Rental Bikes, featuring advanced filtering, sorting, and Firebase authentication. Firebase manages cart and purchase functions, while prompt engineering techniques enhanced development efficiency. This project has been crucial in advancing full-stack skills, and the site is continuously evolving with new features and optimizations.

Highlight:
This project played a key role in enhancing full-stack skills, and the site is continuously evolving with new features and optimizations.

Nike Shoe Hub

- Created a Nike shoe collection website using React and Tailwind CSS, with Vite for fast performance. The site features a responsive design, an interactive search bar to find shoe names easily, and pop-ups for product descriptions and purchase confirmations. Integrated Firebase for authentication and worked on making the site fully stack by incorporating Firebase's features. This project enhanced skills in modern web development and prompt engineering to improve user interactions.

Highlight:

This project sharpened skills in modern web development and prompt engineering to enhance user interactions.

PERSONAL DETAILS

- Date of Birth: 23rd January 1998
- Languages Known: English, Hindi and Marathi
- Address: LIG II,378, Baghmugaliya Extn., Laharapur, Bhopal, India