SHREYASH WAGH

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EDUCATION

Bharati Vidyapeeth University   Pune, Maharashtra, India
Robotics and Automation- 8.88 CGPA   *2020 - 2024*

WORK EXPERIENCE

React Developer

Bugfree Solutions Pvt. Ltd, Maharashtra, India   *June 2023 - August 2023*

- Transformed static web pages into interactive, responsive applications with React.js, increasing user retention by 30% and improving interface efficiency by 45% through innovative front-end engineering techniques.
- Coordinated efforts across diverse departments to streamline the integration of RESTful APIs while managing complex application states through Redux; improved overall system reliability by addressing three key performance bottlenecks.
- Leveraged advanced CSS frameworks, including Tailwind CSS, to craft modern, visually appealing user interfaces.

PROJECTS

eBook E-commerce Website (Demo Link)

React, Javascript, TailwindCSS, HTML5

- Engineered a robust e-commerce platform feature set, including advanced product filtering, dynamic book search functionality, and seamless cart management operations, resulting in a 40% increase in average order value.
- Created protected routes that fortified user data security while implementing intuitive features for managing product searches; findings pinpointed three critical areas of enhancement resulting in improved site reliability.
- Designed a responsive and user-friendly interface with intuitive navigation and clear product presentation.

Business Proposal Generator (Demo Link)

React, Firebase, Google Gemini API, TailwindCSS

- Developed a Business Proposal Generator Application using React and Firebase for Authentication and Data Management.
- Introduced an automated solution using the Google Gemini API to generate proposals that aligned with client specifications; this resulted in over 200 high-quality documents created within three months of implementation.
- Enabled users to Download Proposals as PDFs upon acceptance, with seamless UI updates to reflect proposal status in a My Proposals Section.
- Styled the application with Daisy UI and Tailwind CSS, delivering a responsive, aesthetic, and user-friendly interface.

Chat Application (Demo Link)

React, Node.js, MongoDB, Express.js, Socket.io, JWT

- Developed an innovative full-stack chat platform employing modern technologies like Node.js and MongoDB; supported hundreds of concurrent conversations while maintaining efficient data management protocols for user interactions.
- Engineered a comprehensive security framework utilizing JWT for safe login processes alongside encrypted password handling; streamlined integration with MongoDB allowed scalable storage solutions supporting thousands of concurrent users effortlessly.
- Utilized Socket.io for efficient real-time data transfer, ensuring low-latency message delivery, and integrated iOS notification sounds for enhanced user experience.
- Deployed the application to a production environment, configuring backend and frontend environments with environment variables, ensuring scalability and performance optimization.

ACCOMPLISHMENTS

- At LEO Club of Pune Prime, BOD Sports spearheaded the planning and execution of high-profile events like Fireball and Leothon. Their exceptional leadership resulted in increased participation by 20% and exceeded fundraising goals by 15%.

TECHNICAL SKILLS

Cloud Platform and Databases: AWS, MongoDB, MySQL, Firebase

Programming Languages: Python, JavaScript, Bash

Frameworks and Tools: Next.js, React.js, Express.js, Node.js TailwindCSS

Course Work: Data Structures, Internet of Things, Artificial Intelligence, Advanced Robotics