BHAGYASHREE WAGH

Full Stack Developer

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🏠 B-1001, WoodsVille Ph3, Moshi, Pune

EXPERTISE

- HTML
- CSS
- JavaScript
- ReactJs
- NodeJs
- MoongoDB
- ExpressJs
- Python
- Postman

CERTIFICATIONS

- MERN Full Stack Developer, Be Practical Tech Solutions, Bangalore.
- Advanced diploma in Software Testing Seed Infotech, Pune.

EDUCATION

- **University of Pune**
  Bachelor of Engineering

PROJECTS

EXPERIENCE

Software Developer
IT Brains Consultancy & Services Pvt Ltd.
Dec 2021 - Present

- Designed and developed front-end GUI over 15 applications using HTML, CSS, and JavaScript.
- Developed the back-end of pages for user generated content.

Software Tester
IT Brains Consultancy & Services Pvt Ltd.
Dec 2020 - Nov 2021

- Testing of web UI and rest API. Used Postman for manual API tests. Used Jmeter for load and performance tests. Used selenium web driver for web UI automation.

Asst. Technical Analyzer (Gazetted Scientific Officer)
Directorate Forensic Sciences Laboratories, (Home Dept.), Mumbai
Aug 2013 - Mar 2016

- Played a crucial role in software testing activities, identifying faults and bugs in forensic analysis software.
- Collaborated with vendors to report issues and provided detailed insights for future version upgrades.
- Ensured the reliability and accuracy of forensic tools used in audio, video, and image analysis.

Project Title: Food Order API using MERN Stack with Selenium Testing

Project Description: Developed a comprehensive Food Order API using the MERN (MongoDB, Express.js, React.js, Node.js) stack, augmented with Selenium testing to automate end-to-end testing and ensure the quality and reliability of the application. The project encompasses backend API development, frontend user interface, database management, third-party service integration, and automated testing for enhanced software quality assurance.

Technologies Used:
- Frontend: React.js, HTML5, CSS3, JavaScript
- Backend: Node.js, Express.js, RESTful APIs
- Database: MongoDB, Mongoose
- Authentication: JSON Web Tokens (JWT)
- Automated Testing: Selenium WebDriver
- Version Control: Git, GitHub

Role and Contributions:
- Led the integration of Selenium testing into the project's testing strategy, collaborating with QA testers and developers to design and implement automated test scenarios.
- Implemented frontend user interface components and state management using React.js, ensuring responsive design and optimal user experience across devices.
- Implemented continuous integration and continuous deployment (CI/CD) pipelines to automate the execution of Selenium tests in a test environment, enabling rapid feedback and regression testing.
- Conducted periodic test executions and test result analysis to identify defects, validate new features, and ensure the overall quality and stability of the application.
- Collaborated with the development team to address issues and prioritize bug fixes based on automated test results, ensuring timely delivery of high-quality software.

Project Title: Fitness Tracker

Project Description: Developed a comprehensive Fitness Tracker application using React.js to help users track their workouts, set fitness goals, and monitor progress. The project aimed to provide users with a user-friendly interface for managing their fitness activities and promoting a healthy lifestyle.

Technologies Used:
- Frontend: React.js, HTML5, CSS3, JavaScript
- Backend: MongoDB
- Authentication: Firebase Authentication, JWT (JSON Web Tokens)
- Version Control: Git, GitHub

Role and Contributions:
- Led the development effort from concept to deployment, collaborating with a team of frontend developers, designers, and backend engineers.
- Designed the user interface (UI) for the Fitness Tracker application, focusing on intuitive navigation, data visualization, and motivational features.
- Implemented frontend functionalities using React.js components, state management, and lifecycle methods, ensuring code modularity and reusability.
- Integrated with backend services for user authentication, data storage, and real-time updates, ensuring seamless user experiences across devices.
- Conducted thorough testing and debugging to identify and resolve issues, ensuring the stability, reliability, and security of the application.
- Documented project requirements, technical specifications, and implementation details for future reference and maintenance.

Project Title: Medical Records Management System with Selenium Testing

Project Description: Developed a robust Medical Records Management System using React.js for frontend development and integrated Selenium testing to automate end-to-end testing of critical workflows, ensuring the reliability, functionality, and performance of the application. The project aimed to streamline medical data management, patient care, and administrative tasks within healthcare facilities while adhering to industry regulations and data privacy standards.

Technologies Used:
- Frontend: React.js, HTML5, CSS3, JavaScript
- Testing Framework: Selenium WebDriver
- Backend: Node.js, Express.js, MongoDB
- Authentication: JSON Web Tokens (JWT)
- Version Control: Git, GitHub

Role and Contributions:
- Led the integration of Selenium testing into the Medical Records Management System, collaborating with QA testers and developers to design and implement automated test scenarios.
- Developed Selenium test scripts to cover critical user workflows, including patient registration, appointment scheduling, prescription management, billing, and access control.
- Collaborated with the development team to address issues and prioritize bug fixes based on automated test results, ensuring timely delivery of high-quality software.