

Saad Shabbir

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SUMMARY

Experienced Mern Stack Developer with 3+ years of experience in developing, testing and maintaining web applications. Skilled in creating responsive websites and single-page applications using React.js, MongoDB, Express.js, Node.js, Playwright, Cypress and Jenkins

EXPERIENCE

Software Developer

Code Automation

December 2023 - Present, Model Town, Lahore

- Implemented end-to-end testing for over 50 developed websites using Playwright and Cypress.
- Created over 500 automated scripts to simulate user interactions, verify functionality, and detect issues, reducing bugs by 30% and significantly improving the reliability and stability of the websites.
- Established Continuous Integration/Continuous Deployment pipelines using Jenkins for 20+ projects.
- Automated the build, test, and deployment processes, reducing the release cycle by 40%, ensuring rapid delivery of high-quality software, and facilitating a smooth development workflow.

Mern Stack Developer

Zolara Tech

November 2022 - December 2023, Al Hafeez Executive, Gulberg 3 Lahore

- Created 10+ RESTful APIs using Express.js, enabling efficient communication between the front-end and back-end components, and handling up to 1,000 requests per minute with an average response time of under 50 milliseconds.
- Collaborated with the front-end team to define APIs, resulting in a 15% increase in application performance.
- Designed and implemented authentication and authorization mechanisms, resulting in a 50% reduction in security vulnerabilities.
- Conducted bi-weekly code reviews, resulting in a 20% improvement in code quality and adherence to coding standards.
- Achieved an average 99/100 Lighthouse Performance score on web applications, optimizing load times and user experience.
- Integrated advanced caching solutions using Redis, significantly boosting API response efficiency and enabling seamless scalability for high-traffic workflows.

React JS Developer

Contour Software

July 2022 - October 2022, Askari Tower, Gulberg, Liberty Lahore

- Designed and developed 5+ full-stack applications using the MERN (MongoDB, Express.js, React.js, Node.js) stack.
- Created RESTful APIs using Express.js, achieving an average response time of under 50 milliseconds, ensuring fast communication between the front-end and back-end components.
- Utilized MongoDB for data storage and retrieval, ensuring optimal performance and scalability.
- Implemented user authentication and authorization features, such as user login, registration, and access control.
- Improved application performance by 2x and reduced response time to a minimum of 50ms.
- Engineered and maintained 10+ interactive UIs utilizing React.js over 18 months, resulting in a 30% increase in user engagement and driving retention, as measured by Google Analytics and customer feedback platforms.

PROJECT

Ambient AI

CodeAutomation • [main.ambient.ai](#) • January 2024 - June 2025

- Developed an AI-based alert generation system at Ambient.ai, building responsive user interfaces with React.js, improving user engagement by 20%.
- Automated end-to-end testing with Playwright, writing over 500 test cases to validate functionality, reducing manual QA time from over a day to under an hour.

- Integrated CI/CD pipelines in Jenkins, enabling complete release testing within 1 hour, accelerating deployment cycles by 25%.

Groove Packer

Code Automation • app.groovepacker.com • December 2023 – June 2025

- Automated the pick-pack process for GroovePacker, a cloud-based app, by developing ~100 Playwright test cases, ensuring 95% test coverage and reducing manual QA time by 80%.
- Implemented a GitHub Actions pipeline to execute automated tests, enabling continuous integration and reducing release validation time by 50%.
- Built a chatbot system using the MERN stack with Slack integration, incorporating a GPT model for automated replies, improving chat support response time by 60%.

Zolara Tech CRM

Zolara Tech • www.zolaratechsystem.com/ • January 2023 – December 2024

- Developed an employee management system to streamline operations for over 100 employees, enhancing organizational efficiency by 30%.
- Implemented an attendance, assets management and complete hr system, reducing manual tracking time by 40% and improving accuracy in attendance records.
- Designed a real-time chat module for seamless employee communication, boosting collaboration speed by 35%.

Internet Providers

Zolara Tech • www.yourinternetprovider.us/ • November 2022 – August 2023

- Architected a high-performance full-stack web application for YourInternetProviders using Next.js, Express, and MongoDB, delivering comprehensive internet service data for all USA zip codes, achieving a Lighthouse performance score of 98 and reducing page load times by 40%.
- Engineered a robust, scalable platform with automated service provisioning and real-time network monitoring, increasing client onboarding efficiency by 35% and decreasing service downtime by 25%.
- Designed an intuitive dashboard featuring an integrated text editor and internet speed calculator, enhancing user experience and driving a 30% increase in feature engagement.

EDUCATION

Information Technology

GC University • October 2019 • 3.53

CERTIFICATIONS

Mern Stack Developer

Contour Software • 2023

- <https://drive.google.com/file/d/1KBlbeRbbJWWP4ApxnScOJTTP6GWqe8Rf/view>.

SKILLS

HTML5, CSS3, Sass, Bootstrap, Tailwind CSS, Javascript, React JS, Next JS, Node JS, Express JS, Mongo DB, Playwright, Jest, Selenium, Cypress, Jenkins, CI CD Pipelines
