Drashti Patel

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SUMMARY

Experienced UI Developer with a Master's in Computer Science, excelling in collaborative environments. With 6 years of experience, I specialize in developing innovative solutions, ensuring customer satisfaction and fostering teamwork. Skilled in Angular and React, adept at crafting user-centric web applications using Typescript and JavaScript. Proficient in state management libraries like Redux, NgRX, and further programmed reactively with RxJS library, optimizing performance and data flow. Experienced in automating various UI testing using leading testing frameworks and libraries for robust application quality assurance.

EXPERIENCE

Front end Developer, OpenTable   **September 2024 – Present**
- Developing and designing a standardized process for partner onboarding process for various restaurants.
- Creating processes to maintain and develop resuable code structures in various projects.
- Designing automation processes for various UI testing to expand test coverages.

Senior Frontend Developer, Apptware   **July 2024 – September 2024**
- Developed a dynamic ID card generator tool that allowed users to input and customize card details.
- Utilized Javascript to dynamically update card content and integrated HTML2PDF library to generate high-qulaity, print-ready PDF documents.
- Ensured pixel-perfect design and seamless PDF generation, handling various image formats and sizes.
- Involved in the development phase of building an HR management system using the MERN stack.
- Focused on setting up the project structure, initializing the MongoDB database and starting the development of key components using React.js and Node.js.
- Design RESTful APIs for managing employee data, authentication and role-based access control.
- Impact: Contributed to customizing and automating internal process, tailored to specific organizational needs.

Freelancer Web Developer, Mansh Engineers Pvt. Ltd.   **February 2023 – October 2023**
- Crafted an informative website for a fire fighting systems company, utilizing Angular and CSS styling techniques.
- Collaborated closely with the client to decipher their requirements and develop a website that effectively communicates the features and benefits of their systems.
- Designed and implemented a visually appealing user interface using Angular, ensuring seamless navigation and an intuitive user experience.
- Ensured responsive design for optimal website display across various devices and screen sizes, providing a consistent and user-friendly experience for both desktop and mobile users.
- Conducting rigorous testing to identify and resolve any UI/UX issues, guaranteeing the website's functionality and compatibility across different browsers and platforms.
- Integrated relevant content, including informative text, images and videos to educate visitors about the firefighting systems capabilities and encourage further inquiries.
- Impact: Increased client inquiries by 25% and enhanced user engagement by 30%.

Front End Developer, Apple Inc.   **March 2022 – January 2023**
- Spearheaded the development of search UI solutions for efficient advertising campaign management.
- Successfully upgraded the existing stack to the latest version of Angular (13), concurrently enhancing application deployment and efficiency.
- Implemented new features and automated rules for the search UI. Worked with various stakeholders to define, develop and deliver requirements accurately. Significantly expedited a major project timeline ensuring timely delivery and exceeding expectations.
- Developed reusable internal library incorporating d3-charts as web components with the use of Storybook to demonstrate the components reusability and maintainability.
- Demonstrated a commitment to code quality by writing comprehensive unit tests for newly added features.
- Efficiently executed DevOps task, leading end-to-end development processes from production environment setup to CI/CD deployment implementation.
- Contributed to the maintenance of a reusable styling and web component internal library, ensuring consistency and adherence to standardized formats. Actively involved in testing procedures to guarantee the quality and reliability of the components, thus facilitating smoother integration and enhancing the overall user experience.
- Impact: Improved application deployment efficiency by 20% and expedited major project timelines by 30%.

Web Automation Engineer, SiriusXM   **April 2020 – March 2022**
- Developing and executing moderate to highly complex scripted automation tests and snapshot tests using Applitools. Also, integrating MITM proxy for high performing snapshot tests.
- Responsible for defining and creating the automation framework using Nightwatch.js and Cucumber.js

- Worked with cross-functional teams to identify and develop test cases for function and performance testing.
- Actively participated in the continuous improvement of the automation strategy and build in-house applications for assisting in automation process. Developed a dashboard to report regression results using React.js, Redux, HTML, CSS for all platforms and cross-browsers.

- Monitored, maintained and provided reports for bug tracking and defect resolution to the team and assisted in process improvement in these areas.
- Designed and developed automated test suites for the web applications using JavaScript, Selenium and other relevant tools like Jenkins and Test Rails.
- Troubleshoot issues in production and development environments using Cucumber.js reports and using in-house analyzer.
- Measured system performance on multi-user platforms through test scenarios using automated testing software, providing analytical results and recommendations. Worked with domain experts and developers to develop and execute test plans.
- Impact: Improved test coverage by 50% and reduced manual testing efforts by 60%.

Front End Developer, Charles Schwab   February 2019 – April 2020
- Involved in designing hierarchy reporting portal using advanced development patterns and component-based architecture using Angular 6.
- Managed the state of the application using NgRx to improve performance.
- Developed features like search bar, date picker, hierarchy navigator using Angular based Bootstrap, HTML5, CSS3.
- Ensured high performance on mobile and desktop by optimized coding techniques.
- Developed the application in Typescript, further testing, idiomatic and documenting it.
- Worked with backend developers in the process of building the RESTful API.
- Created self- contained, reusable and testable modules and components in an Agile environment.
- Implemented appropriate indexes in MongoDB for performance improvement.
- Performed unit testing using Karma and Jasmine, marble testing for NgRx store.
- Impact: Increased data retrieval speed by 30% and improved load time by 20%.

Software Developer, UrgentCare2go   November 2017 – December 2018
- Contributed to the development of a C#, MySql and ASP.Net based web application within MVC Razor view environment.
- Skillfully managed responsive web design through media queries and Bootstrap while collaborating with Kendo UI for enhanced functionalities.
- Orchestrated the creation of analytics modules, enabling the evaluation of illness occurrences reported by patients and the CDC. Generated trending reports across different demographics.
- Collaborated with senior developers to optimize web and mobile applications for usability and speed, employing google's search engine optimization (SEO) tolls for improved visibility and performance.
- Impact: Enhanced application performance by 25% and boosted web traffic by 40%.

SKILLS and CERTIFICATIONS

Web Technologies: Angular, React.js, HTML5, CSS3, Bootstrap, PHP, Redux, NgRx, NodeJS
Programming: Typescript, JavaScript, Java, Python
Cloud Technologies: AWS, Azure
Certifications: React by Meta, Principles of UX/UI Design by Meta, Object-oriented programming in JavaScript by Mosh, Angular4 Crash Course, Front End Engineer by Pro5.ai, Ethical Hacking by IIT Kharagpur, RedHat (Linux)

EDUCATION

Master of Science in Computer Science   2015 – 2017
University of Texas at Arlington
Bachelor of Engineering in Computer Engineering   2011 – 2015
Mumbai University