

SYED SHAEDUZZAMAN NOOR

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Skills

Programming Languages

Python, Java, JavaScript, SQL

Software Testing Tools

Selenium, Playwright

Frontend Tools

React JS, Next JS, Bootstrap, Tailwind CSS

Backend Tools

Node JS, Express JS, FastAPI

Database

MongoDB

Education

(September, 2019 - July, 2023)

Anhui University of Technology, China

Bachelor in Software Engineering

CGPA: 3.8

Projects Experiences

(April, 2024 - April, 2024)

WordPress Plugins Automation Testing - *Automation Testing*

Playwright is a powerful automation tool that supports end-to-end testing for modern web applications. This project aims to ensure that WordPress plugins function correctly across various browsers and environments, reducing manual testing efforts and improving the reliability of plugin updates.

- Initialized a Node.js project and install **Playwright**. Set up Playwright configuration to define browsers, test environment, and other settings.
- Installed and configure a local WordPress environment for testing purposes.
- Wrote scripts to **automate the login process** for **WordPress** admin and user roles with **JavaScript**. Create scripts to **automate the installation, activation, and deactivation** of **WordPress** plugins.
- Write tests to validate key functionalities of plugins, including form interactions, data handling, and UI behavior.
- Integrate tests into a **CI/CD pipeline** to run tests automatically on code changes.

(December, 2021 - February, 2022)

Food Delivery Full Stack Web Application - *Full Stack Web Application*

- Engineered a real-time delivery service web app using the **MERN stack** (MongoDB, Express JS, React, Node JS); **optimized user flow**, enabling customers to browse menus, place orders, and track deliveries in real-time, **boosting order efficiency by 40%**.

- Initialized the **MERN** stack project with a structured directory layout to make the system **10% faster** and efficient with designing **MongoDB schemas** for users, restaurants, menu items, and orders.
- Developed **APIs** using **Express JS** to handle **user authentication**, restaurant data, order processing, and payment integration.
- Constructed the **React** application with **Bootstrap5** components for user interfaces, including registration, restaurant browsing, order management, and tracking; makes **8% better user experience**.
- Implemented **Redux** for managing the global state and handling actions related to authentication, order placement, and data fetching.
- Connected the frontend with backend APIs using **Axios**, **ensuring secure, 15% faster and efficient data transfer**.
- Deployed the application on **Vercel**.

(November, 2023- December, 2023)

Personal Portfolio Website - *Frontend React Application*

- Designed a visually appealing **personal portfolio application** with **React** and **Tailwind CSS**; highlighted professional achievements and projects, enhancing personal brand visibility and **attracting 25% more freelance project offers**.
- Initialized the **React** project and configured the project structure and set up **Tailwind CSS** for styling and configure the theme and custom styles.
- Built React components for each section of the portfolio (Home, Projects, Experience, Testimonial, Contact); can **increased visitors by 11%**.
- Implemented **React Router** to **handle navigation between different sections** and used **Tailwind CSS** to style components and ensure a cohesive and responsive design; added smooth animations and interactive effects using **Framer Motion**.
- Integrated **Email JS** for **handling contact form submissions**.
- Uploaded the application on live server with the help of **Vercel**.

Extra-Curricular Activities:

1. Participated in **International food festival** organized by the university and awarded as **the second best chef**.
2. **Champion of International Cricket Tournament** held by university.
3. **Runners-up** of **AHUT International Football Tournament**.