

Ronak Patel

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WORK EXPERIENCE

Senior Software Engineer, Capgemini

Aug 2022 – present

- Utilized **JavaScript** for project development, incorporating **HTML** and **CSS**, while integrating **React** to enhance functionality, resulting in **30%** faster page load times.
- Delivered high-quality software solutions in an **Agile** environment, using **Scrum**, **Jira**, **Git**, and **CI/CD pipelines** to enhance collaboration and improve deployment efficiency by **20%**.
- Implemented the **Playwright** framework with JavaScript, creating **950+** automated test scripts for complex scenarios; optimized the project framework and workflows, gaining **70%** faster test execution times and a **60%** reduction in manual testing.
- Monitored and maintained an automated **CI/CD** pipeline executing **400+** scenarios daily, ensuring a consistent pass rate of **85% +** by analyzing test results, identifying failures, and implementing necessary fixes.
- Led 10+** training sessions, fostering a dynamic learning environment for skill development and promoting effective project collaboration within the team.
- Proficient in **Java** and **Selenium** automation testing, utilizing **Maven** and the **Page Object Model** for scalable frameworks, achieving **90%** automation coverage.
- Proficient in generating screenshots and reports with **Extent**, **TestNG**, and **BDD** and enabling faster troubleshooting.
- Skilled in crafting complex **SQL** queries for **ETL** testing to ensure data integrity across multiple sources.

Web Developer, Tech Konnect Technologies (Internship)

Aug 2021 – Sep 2021

- Developed, optimized, and maintained websites using **HTML**, **CSS**, and **JavaScript**, improving page load speed by **25%** and enhancing user-friendly responsive interfaces.

PROJECTS

Fake News Detection

- Designed and created a machine learning model utilizing algorithms such as **Passive Aggressive (89%)** and **Naïve Bayes (93%)** to predict the authenticity of news articles, leveraging datasets sourced from **Kaggle**.
- Constructed seamless integration of the **UI** with **Python Flask** and ML model, ensuring smooth and efficient functioning of the web application.

React Portfolio

- Crafted a responsive portfolio website using **React Js** leveraging **npm** libraries and hooks such as **useState** & **useEffect**.
- Integrated **EmailJS** for seamless contact **form handling**, all wrapped in a clean & minimal UI, leading to a **30%** improvement in user interaction.
- Deployed the website on **Netlify** with a captivating **GoDaddy** domain, achieving **15%** increase in site traffic.

Coronavirus Probability Detector

- Developed and trained a robust machine learning model using a **self-made** dataset to accurately predict the probability of infection using the **Logistic Regression** algorithm.
- Successfully integrated the machine learning model with a user-friendly web interface built using **Python Flask**, resulting in a seamless end-to-end solution for infection probability prediction.

SKILLS

React | JavaScript | Python | HTML5 | CSS3 | SCSS | Java | Git | Figma | C++ | MySQL | ETL |
Selenium | Playwright | Responsive Web Designs | Creativity | Problem-Solving | Critical Thinking

EDUCATION

BE, Atharva College of Engineering

Information Technology: 9.08 CGPA

2018 – 2022 | Mumbai, India