Ronak Patel

✉ ronak.p.1206@gmail.com 📍 Mumbai, India 📞 +91 9819518418 R-o-n-a-k in ronak-j-patel

🔗 Portfolio

💼 Work Experience

Senior Software Engineer, *Capgemini*   Aug 2022 – present

- Utilized **JavaScript** for project development, incorporating **HTML** and **CSS**, and applied **React** for enhanced functionality.
- Implemented **Playwright** framework with TypeScript, creating **200+** automated test scripts for complex scenarios; optimized project framework and workflows, resulting in **40%** faster test execution times.
- **Led** 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. Expert in generating Screenshots and Reports with **Extent**, **TestNG**, and **BDD**. Skilled in crafting complex **SQL** queries for **ETL** testing to ensure data integrity across multiple sources.

Web Developer, *Techq Konnect Technologies* (*Internship*)   Aug 2021 – Sep 2021

- Skilled in developing, optimizing, and maintaining websites using **HTML**, **CSS**, and **JavaScript** to meet client needs and goals. Proficient in creating **responsive** and user-friendly web interfaces, adhering to best practices for web design and development.
- Collaborated effectively with fellow interns as a team to deliver assigned projects ahead of schedule.

📂 Projects

Fake News Detection ↗

- Designed and created a machine learning model utilizing algorithms such as **Passive Aggressive**, **Naïve Bayes**, and **Random Forest** to accurately predict the authenticity of news articles, leveraging datasets sourced from **Kaggle**.
- Constructed seamless integration of the **UI** with **Python Flask**, 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.
- Deployed the website on **Netlify** with a captivating **GoDaddy** domain.

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.

Virtual Assistant ↗

- A virtual assistant capable of following basic commands and sending emails was made using **Python** and its **Speech Recognition module**.

Testing Jpetstore ↗

- **Automation** Testing on JpetStore using **Java** and **Selenium**.
- Created a **Maven** project by implementing the **Page Object Model** and generated Screenshots & Reports (**Extent**, **TestNG**, and **BDD**).

🧠 Skills

React | **Python** | **Java** | **C++** | **MySql** | **Web Development** — HTML5, CSS3, SCSS & JavaSript | **Git** | **Figma** | **Playwright** | **Selenium** | **ETL**

🎓 Education

BE, *Atharva College of Engineering*   2018 – 2022 | Mumbai, India
Information Technology: 9.09 CGPA