

# Ronak Patel

Portfolio | [linkedin.com/in/ronak-j-patel](https://www.linkedin.com/in/ronak-j-patel) | [github.com/R-o-n-a-k](https://github.com/R-o-n-a-k) | [ronak.p.1206@gmail.com](mailto:ronak.p.1206@gmail.com) | +91 9819518418 | Mumbai, India

## Experience

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### Senior Software Engineer, Capgemini

08/2022 – Present

- Developed and optimized scalable **React** applications, leveraging **Hooks**, **APIs**, and **Redux** for state management, while building reusable UI components to ensure a consistent and modular design system.
- Enhanced application performance by implementing **lazy loading**, code splitting, and memoization, reducing bundle size by **35%** and improving load times by **40%**. Ensured seamless navigation with React Router, leading to a **20%** increase in user engagement on the platform.
- Developed full-stack features by integrating **CRUD** operations with **Node.js** and **Express**, ensuring smooth data flow between frontend and backend. Implemented **JWT** and **OAuth** authentication to enhance security and protect user data.
- Delivered high-quality software solutions in an **Agile** environment, using **Scrum**, **Jira** and **Git** to enhance collaboration and improve deployment efficiency by **20%**.
- Implemented the **Codecept** framework with **JavaScript**, creating **950+** automated test scripts for complex scenarios; optimized the 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.
- Skilled in crafting complex **SQL** queries and **ETL** testing to ensure data integrity across multiple sources.

### Klaere, Web Developer Intern

08/2021 – 09/2021

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

## Projects

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### SomebodyFixIt

- Developed a **React.js** platform with **Supabase (PostgreSQL)** for user authentication, real-time collaboration, and **CRUD** operations, integrating **APIs** to manage data efficiently and improve onboarding speed by **30%**.
- Implemented **React Hooks** and **NPM** libraries to optimize state management, improve responsiveness in UI and hosted on **Netlify** for seamless deployment, making the platform **30%** more efficient across all devices.

### 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 **ReactJS** leveraging **npm** libraries and hooks such as **useState** and **useEffect**.
- Integrated **EmailJS** for seamless contact form handling and optimized **SEO**, improving user interaction by **30%** and boosting search rankings significantly.

## Skills

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**Tech Stack:** React, JavaScript, Python, HTML5, CSS3, SCSS, Node.js, Java, MySQL, C++

**Tools & Frameworks:** Git, Figma, Bootstrap, Flask, Selenium, Codecept, Playwright, ETL

**Soft Skills:** Creativity, Problem solving, Critical thinking

## Education

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**BE**, Atharva College of Engineering

2018 – 2022 | Mumbai, India

**Information Technology:** 9.08 CGPA