

# Ritik Tyagi

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## Full Stack Developer

Highly skilled Full Stack Developer with 2+ years of experience in developing and maintaining web applications. Skilled in Python, Django, JavaScript, React, microservices architecture, automated testing, CI/CD, etc. In 12 weeks, reduced costs by 60% by creating a comprehensive test automation platform for test management and execution.

### WORK EXPERIENCE

#### Mindfire Solutions • Noida • 07/2022 – Present

##### Software Engineer • Full-time

- Developed and maintained a web application using Python, and Django resulting in a 40% increase in user satisfaction and a 60% decrease in operational cost within 12 weeks.
- Implemented automated tests and test suites, reducing the number of bugs by and improving overall test coverage by 40% in one year.
- Developed and maintained automated deployment and continuous integration systems, reducing software release times by 50% and minimizing production issues by 35%.
- Optimized application performance by identifying and refactoring inefficient code, resulting in a 20% increase in speed.

##### Associate Software Engineer

- Designed and developed a RESTful API for an internal application, resulting in increased data accuracy and a 40% reduction in data retrieval time.
- Implemented new reusable components, resulting in a 20% reduction in development time and improved standardization across projects, optimizing productivity and consistency.
- Developed automated tests for front-end components, leading to a decrease in bug-related delays and elevated overall code quality.

### CERTIFICATIONS

#### AWS Cloud Technical Essential • 01/2024

Amazon Web Services on Coursera

#### META Back-End Developer • 12/2023

Meta on Coursera

#### META Front-End Developer • 10/2023

Meta on Coursera

### SKILLS

**Tech Skills:** Python, Django, React, Redux, JavaScript, HTML, CSS, SQL, PostgreSQL, Nginx, Docker, AWS, GCP, Git, Github, CI/CD, MongoDB, Firebase, Redis, Behave (BDD), Bash, Selenium, Selenium WebDriver, Restful API, PostMan, DevOps, OOP's, Responsive web design, Automation, Unit Testing, Quality assurance, Integration Testing, Automated Testing, Agile methodologies

**Soft Skills:** Problem solving, Time management, Cross-functional team collaboration, Communication, Teamwork, Creativity, Critical Thinking

### EDUCATION

#### B.tech in Computer Science And Engineering

Vidya college of engineering  
Meerut, Uttar Pradesh, India  
07/2018 – 06/2022

## PROJECTS

### **TestAuto**

<https://automation.ritiktyagi.com>

A POC test automation platform that streamlines execution, debugging, scheduling, and reporting. It offers customizable test suites, detailed reports with videos and screenshots, and supports a wide range of operating systems and devices for running tests.