Utkarsh Singh

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EDUCATION

AJAY KUMAR GARG ENGINEERING COLLEGE
B Tech (Computer Science)
2020-2024| Ghaziabad
GPA:7.5/10

ARMY PUBLIC SCHOOL
2020 |Lucknow,India
Intermediate| Scored-87.6

ARMY PUBLIC SCHOOL
2018 |Lucknow,India
High School| Scored-83.4

LINKS

GitHub:// **Utk98**
Leetcode:// **umesh83768**
Geeks For Geeks:// **umesh83768**

COURSEWORK

UNDERGRADUATE
Data Structures and Algorithms
Database management system
Computer networks
Operating Systems
Software Testing
Web Designing
Image Processing

SKILLS

Programming Languages:
C • C++ • Java • Python •Dart
Technologies:
Flutter • Github •SQL• Spring•
Cucumber • Selenium •SpringBoot
•Linux• AWS services • Docker •TestNG
•JUnit •Postman •Git •Jenkins • Good
Communication Skill

ACHIEVEMENTS

•Achieved **5-star rating** on **Hacker rank** in (**C++** and **Python**)

•Ranked **2000** globally out of **20,000+** participants in **Google Kick Start Round F 2022**.

•Scored **171** out of **175** in **GeeksforGeeks Job-A-Thon 13**.

• Solved **200+** questions on **Leetcode**.

EXPERIENCE

NIMBLEWORK. |Software Testing Intern
July 2024 – Present | Bengaluru
- Developed and executed numerous automated test scenarios using Cucumber, enhancing test coverage and facilitating Behavior-Driven Development (BDD).
- Collaborated on parallel testing strategies for web applications with Selenium, improving testing efficiency and speed.
- Integrated CI/CD pipelines utilizing Jenkins and Docker, streamlining deployment and testing processes.
- Worked with Spring and Spring Boot frameworks to develop and test RESTful APIs, ensuring seamless integration with front-end applications.
- **Tech stack**: Selenium, Cucumber , Java , Jenkins, Docker ,Behavior-Driven Development (BDD), Agile

HINDUSTAN AERONAUTICS LIMITED |Software Developer Intern
June 2023 – July 2023 | Lucknow
- Pioneered the development of a consultancy platform connecting HAL employees and their dependents with HAL doctors, enhancing healthcare accessibility.
- Engineered a comprehensive application featuring a chat system, video call functionality, and appointment booking capabilities to facilitate seamless communication and healthcare services.
- **Tech stack**:Flutter,Dart,Firebase,Zegocloud,API

PROJECTS

WEB BOTS AND AUTOMATION
- Web bots, or web robots, are automated programs designed to perform tasks on the internet, including navigating websites, interacting with web elements, and extracting or manipulating data.
- Using Python and Selenium, you can create web bots to automate interactions with specific web pages, such as e-commerce sites or news portals, to find deals or specific information.
- Utilize Selenium Web Driver to programmatically control web browsers like Chrome or Firefox.
- Develop Python scripts that use Web Driver to perform actions such as: Searching for products ,Clicking on links ,Adding items to the cart,Filling out forms

API TESTING FOR WEATHER FORECAST APPLICATION
- Conducted thorough testing of API endpoints for the weather forecast application, including retrieval of current weather data, forecasts, and historical weather information.
- Designed comprehensive test cases to validate the correctness of API responses, focusing on parameters such as location, date, and weather conditions.
- Generated test execution reports in Postman API to document test results, including successful and failed test cases, facilitating clear communication with the development team.