

Tripurari Kumar

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SKILLS

Languages: C++, Java, C, Python

Frameworks: HTML, CSS, JavaScript, **Selenium**, **Pytest**

Tools/Platforms: MySQL, R, Tableau, MS Excel, Git, GitHub, VSCode, **Locust**

Testing and Automation: **API Testing**, UI Automation, Performance Testing, Allure Report, **Pytest** HTML reports

Soft Skills: Team Player, Problem Solving, Project Management, Test Strategy and Planning

PROJECTS

Heroku App Test Automation & CI/CD Pipeline

Feb 25 – Mar 25

- Automated testing framework for Heroku-hosted web applications using **Selenium**, **pytest**, and **Locust**.
- CI/CD pipeline integration with GitHub Actions for automated test execution.
- Comprehensive testing covering **UI**, **API**, and **performance** with structured reporting.

Machine Learning-Based Breast Cancer Diagnosis in R

Oct 24 - Nov 24

- Analyzed breast cell biopsy images by extracting features such as size, shape, and texture of cell nuclei to classify tumors as malignant or benign.
- Applied multiple machine learning algorithms to predict cancer diagnosis, including KNN, Naive Bayes, Decision Trees, Regression models, KNN Clustering, and Neural Networks.
- 15% more accurate cancer diagnoses thanks to algorithm optimisation

LEAF Association Website

Aug 22 - Nov 22

- Developed a responsive and interactive website for LEAF Association, a hypothetical NGO, using HTML, CSS, and JavaScript, providing details about its mission, activities, and contribution opportunities.
- Designed a user-friendly frontend interface with smooth navigation and engaging UI, incorporating interactive features using JavaScript to enhance user experience.
- Hosted and managed the project on GitHub, ensuring version control and seamless collaboration.

SUMMER TRAINING

Geeks for Geeks (EdTech)

Mar 24 - May 24

Data Structure and Algorithm

- Completed Data Structures and Algorithms Self-Paced Course from GeeksforGeeks, covering arrays, linked lists, trees, graphs, and dynamic programming.
- Gained hands-on experience by solving coding problems commonly asked in technical interviews.
- Enhanced problem-solving skills and optimized algorithmic thinking for competitive programming and software development.

CERTIFICATES

- | | |
|---|-----------------|
| • Software Testing NPTEL | Jun 24 - Dec 24 |
| • Supervised Machine Learning: Regression and Classification Coursera | Aug 24 - Oct 24 |
| • Data Analysis with Tableau Coursera | Jul 24 - Sep 24 |
| • DSA Self Paced Geeks For Geeks | Mar 24 - May 24 |
| • Programming in C++: A Hands-on Introduction Coursera | Nov 23 - Feb 24 |

ACHIEVEMENTS

- Leetcode Global Rank (2025)**
Ranked 1,176,514 worldwide, continuously resolving issues to improve problem-solving and DSA skills.
- Participated in Smart India Hackathon(SIH):**
Among 60+ teams in 40k+ students in University
Dec 24
- One among S1 top 40 % students at University:**
For good academic performance and extra-curricular activities at University
- One India Cultural Festival, Lovely Professional University**
Secured 2nd runner-up position among 25+ teams, competing against thousands of students from diverse backgrounds..
Mar 24

EDUCATION

- | | |
|---|--|
| • Lovely Professional University
<i>Bachelor of Technology - Computer Science and Engineering; CGPA: 7.89</i> | Punjab, India
Since August 2022 |
| • Mother Teresa Academy
<i>Intermediate; Percentage: 91.2%</i> | Benipur, Darbhanga
April 2019 - March 2021 |
| • D.A.V Public School
<i>Matriculation; Percentage: 89.6%</i> | Saramohanpur, Darbhanga
April 2018 - March 2019 |