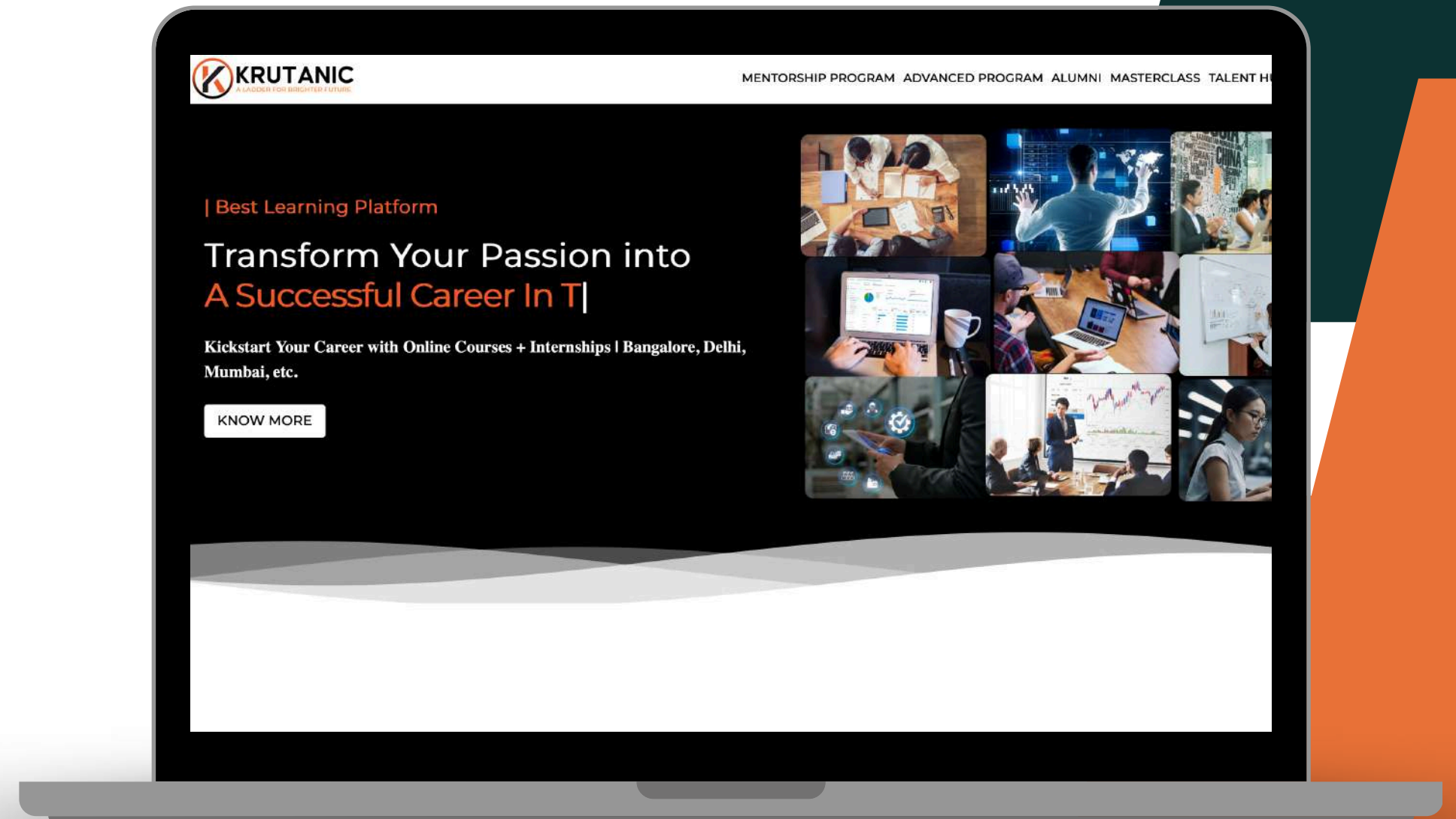




[www.krutanic.com](http://www.krutanic.com)



[support@krutanic.com](mailto:support@krutanic.com)





# KRUTANIC

A LADDER FOR BRIGHTER FUTURE

We are now an **accredited partner**

under



accenture



Adobe





# **TRAINING AND INTERNSHIP PROGRAM**





# About Us

"Krutanic is at the forefront of transforming education through cutting-edge technology. Our comprehensive platform empowers learners with personalized learning experiences, collaborative tools, and real-time analytics. With adaptive assessments and interactive content creation, we enhance student engagement and achievement. Join us in revolutionizing education for the digital age, driving positive outcomes and preparing learners for success in tomorrow's world. "





# AUTOMATION TESTING



# Why Automation testing ?

- ⚙️ **Automation testing executes test cases much faster than manual testing, reducing time-to-market.**
- ⚙️ **It ensures consistency and accuracy, catching bugs early and improving product reliability.**
- ⚙️ **Though automation setup requires investment, it significantly reduces manual testing efforts and costs over time.**
- ⚙️ **Continuous integration and delivery (CI/CD) rely on automation to streamline testing workflows.**
- ⚙️ **Companies actively seek automation testers, offering competitive salaries and career growth.**
- ⚙️ **Automation allows testing on various devices, operating systems, and browsers for maximum coverage.**

# 1<sup>st</sup> MONTH



## LIVE SESSIONS

Live sessions with industrial experts having experience above 10 years in the industry.



## RECORDINGS

Recordings of all live sessions available with 1 year access in our LMS portal.



## INDUSTRY RELATED

Industry related curriculum designed by the working professionals in the top hierarchy.



# 2<sup>nd</sup> MONTH



## REAL TIME PROJECTS

Two real time industrial projects One minor project and One major project.



## ASSISTANCE

All mentors will be assigned as project leads and guide the intern till the completion of the project.



## PERSONAL DEVELOPMENT

Additional projects for personal development can be required.





# Modules Overview

- 1. Software Testing Basics**
- 2. Core Java or Python for Testers**
- 3. Selenium WebDriver**
- 4. TestNG or PyTest Framework**
- 5. Automation Framework Design (Page Object Model)**
- 6. Cucumber BDD**



# Modules Overview

**7.Handling Web Elements**

**8.Version Control with Git & GitHub 9.CI/CD with Jenkins**

**10.API Automation Testing (Postman + RestAssured)**

**11.Database Testing Basics**

**12.Project & Interview Prep give modules details according to this (only for placement assistance program mock interview preparation)**



# Curriculum included

## MODULE 01

### Software Testing Basics

- Understand SDLC & STLC
- Learn testing types: Manual, Automation, Regression, etc.
- Test case design techniques
- Bug life cycle and defect tracking

## MODULE 02

### Core Java or Python for Testers

- Programming basics: variables, loops, conditions
- OOPs concepts: inheritance, encapsulation, polymorphism
- Exception handling
- Collections (List, Map / List, Dictionary)

## MODULE 03

### Selenium WebDriver

- WebDriver setup and architecture
- Locating web elements (XPath, CSS, ID, Name)
- Browser actions: click, sendKeys, navigate
- Cross-browser and cross-platform testing

## MODULE 04

### TestNG or PyTest Framework

- Test structure using annotations (@Test, etc.)
- Assertions and reporting
- Running test suites and test groups
- Parallel and parameterized test execution



# Curriculum included

## MODULE 05

### Automation Framework Design (Page Object Model)

- Understand Page Object Model (POM)
- Implement reusable page classes
- Data-driven testing using Excel or JSON
- Logging and reporting integration

## MODULE 06

### Cucumber BDD

- Gherkin syntax: Given, When, Then
- Creating and executing feature files
- Mapping step definitions to test code
- Integrating with Selenium and TestNG

## MODULE 07

### Handling Web Elements

- Handle dropdowns, checkboxes, alerts, and frames
- Perform actions: drag & drop, hover, right-click
- Use JavaScriptExecutor for special scenarios
- Manage multiple windows/tabs

## MODULE 08

### Version Control with Git & GitHub

- Initialize repositories and commit changes
- Push/pull code to/from GitHub
- Create and merge branches
- Collaborate on projects with teams



# Curriculum included

## MODULE 09

### CI/CD with Jenkins

- Install and configure Jenkins
- Create freestyle and pipeline jobs
- Integrate Jenkins with Git and Maven
- Schedule automated test runs

## MODULE 10

### API Automation Testing (Postman + RestAssured)

- Understand REST APIs and HTTP methods
- Test APIs manually using Postman
- Automate API tests using RestAssured (Java)
- Validate status codes, headers, and response data

## MODULE 11

### Database Testing Basics

- Learn basic SQL queries: SELECT, JOIN, INSERT, DELETE
- Connect automation scripts with databases
- Validate backend data
- Use tools like MySQL Workbench or DBeaver

## MODULE 12

### Project & Interview Prep

- Build a complete automation project (UI + API + DB)
- Write test plans, bug reports, and summaries
- Practice mock interviews and FAQs
- Build a strong resume and GitHub portfolio



# Tools Included



Selenium WebDriver

TestNG

TestNG



Jenkins  
Jenkins



GitHub

GitHub



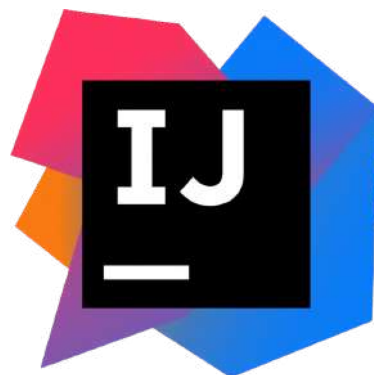
appium

Appium



Java

Java JDK + IntelliJ/Eclipse



git

Git



REST-assured  
TESTING FRAMEWORK

Rest Assured

**Maven**<sup>TM</sup>

Maven

# Students Reviews



## Ramshad K



I have gained a really hands on Experience with on graphic design which was delivered by Akash sir was very supportive and endless worthy experience so far.



## Rajendra Prasad



I'm Rajendran Prasad, to be honest I'm expressing my words, I have researched and found the correct certificate on LinkedIn and scan that and found it 100% genuine and verified successfully.  
It's my individual recommendation for everyone that Krutanic company is perfect with quality training and real world projects.  
I have seen some bad reviews and many good reviews so got confused but now I realised that Krutanic solutions is the best company ever for training and internship provider, I have learned a lot of new industrial things.



## Sahad K



I got placement at Wipro through krutanic support team. I am really grateful that I got to learn from AI Mentor Ashish sir and support from my counsellor was really helpful. All thanks to Bhoomika mam my operations support member from krutanic.



## Sunil Kumar



I'm Sunil Kumar, I have enrolled for Data Science program at Krutanic solutions and my experience is outstanding.  
It's my individual recommendation for everyone that Krutanic company is perfect with quality training and real world projects.



## Shubham Rai



Krutanic Group is truly doing a remarkable job by creating learning spaces that are not only informative but also inspiring. I've had the opportunity to attend two of their courses-Photography and Graphic Designing-and both were simply



## Aman Nema



Krutanic's Full Stack Web Development program was a fantastic learning experience. The course covered essential technologies like HTML, CSS, JavaScript, React, and backend development, providing a strong foundation for building real-world web applications.  
The hands-on projects and expert guidance from mentors made learning interactive and practical. This program is perfect for beginners and aspiring developers looking to enhance their skills in web development. Highly recommended.



# Students Reviews



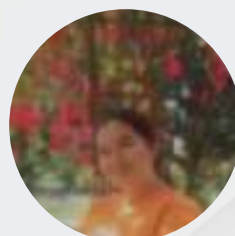
## Tejas Kolekar

I am thrilled to share my enriching experience from the Artificial Intelligence and Machine Learning Internship I recently completed with Krutanic, in collaboration with Wipro, a leading multinational corporation. This 3-month program was an incredible opportunity to deepen my knowledge, enhance my skills, and grow both personally and professionally in the dynamic field of AI and ML.



## Pranali Shinde

Excited to share that I've just completed a Data Science course from Krutanic! 🎉 It was an amazing journey diving into data visualization, exploratory data analysis, SQL, and machine learning. I've gained some valuable skills that I can't wait to apply in real-world projects. Big thanks to the instructors and everyone who made this experience so enriching! Looking forward to what's next!



## Prabhleen Kaur

Just after few months of completion of my AI course I got my hands on attending Master class on Building AI agent without coding held in the month of March my experience was very good I get to know about new things from my mentor Mr.Aashish Mishra And at the end I received this 😊  
All thanks to Krutanic for giving me this opportunity.....



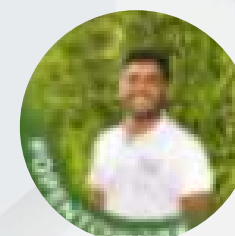
## Rishabh Nagar

Certificate of Training Completion from Krutanic Solutions in the field of Android App Development Krutanic Paidi Venkata Chakravarthi Sir [#krutanic](#) [#android](#) [#app](#) [#development](#) [#androidstudio](#)



## Himendra Shukla

Completing my internship at **KrutaniC** has been a transformative journey, equipping me with hands-on experience in **Full Stack Web Development** and preparing me for a bright future in tech. Grateful for the guidance, real-world projects, and skills gained — here's to innovation and success ahead! \*  
[#InternshipCompletion](#) [#FullStackDevelopment](#) [#KrutaniC](#) [#TechJourney](#)  
[Krutanic](#)



## Touheed Ahmed Nadaf

Clouds conquered.  
Excited to share my Cloud Computing internship certification from Krutanic!  
Grateful for the hands-on learning and ready to turn this experience into an impact in the ever-evolving tech landscape.  
[#CloudComputing](#) [#Krutanic](#) [#InternshipWin](#) [#TechReady](#) [#NextGenTech](#) [#FutureInCloud](#) [#LevelUp](#) [#DigitalSkills](#)

**Discover why this  
Automation  
Testing course is  
essential for your  
learning journey.**





# Career Opportunities in Automation Testing

## Automation Test Engineer

Design, develop, and execute automated test scripts to ensure software functionality and performance.

## Test Automation Architect

Develop and maintain the automation framework, ensuring scalability and reliability across testing processes.

## QA Automation Lead

Lead and guide the QA automation team, ensuring alignment with project goals and best practices.

# Career Opportunities in Automation Testing

## Performance Test Engineer

Focus on automating performance and load testing to measure system scalability and response under stress.

## Continuous Integration

Engineer  
Integrate automated tests into CI/CD pipelines for continuous testing and faster release cycles.

## DevOps Automation

Engineer  
Automate deployment, monitoring, and testing processes to streamline software development and operations.



# Certifications

01

**Training Completion  
Certificate of  
Validates the skills  
which acquired**

02

**Internship Completion  
certificate certified  
by  
Accenture/Adobe**

03

**Letter of  
recommendation(LOR)  
for your  
JOB/PLACEMENT**

04

**Certificate of  
excellence  
(Based on you  
Performance)**

# Program ratings



## STUDENT AVERAGE RATINGS



4.85/5



# Companies where our alumni thrive



# Our process

## Quick Guide



**Register With Us**

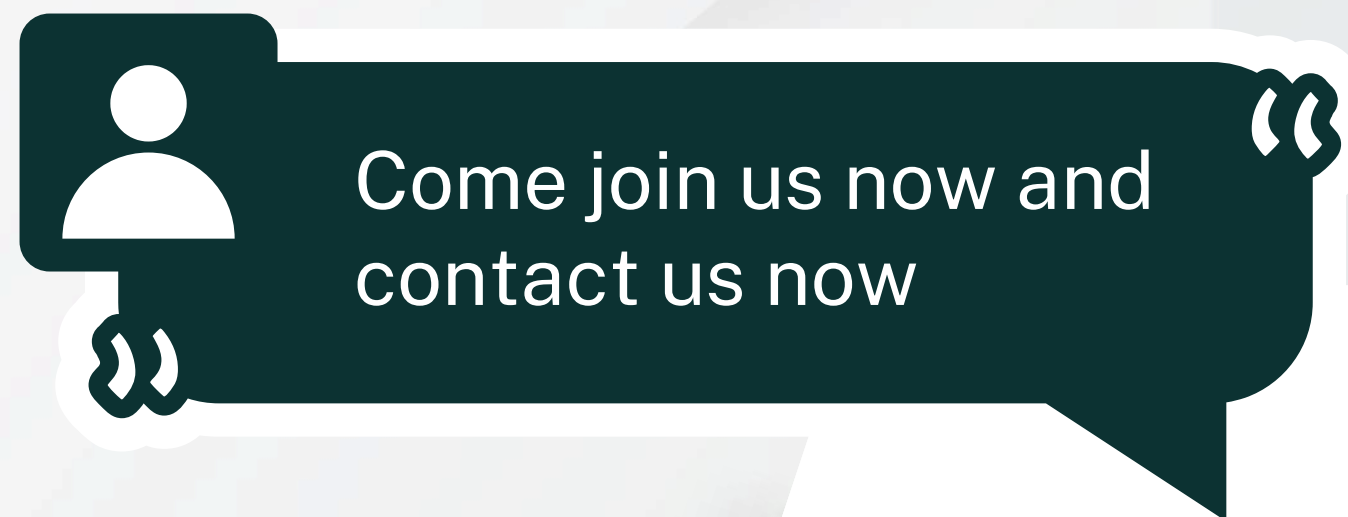


**Schedule Your  
Class**



**Certifications**





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