KRUTANIC

A LADDER FOR BRIGHTER FUTURE

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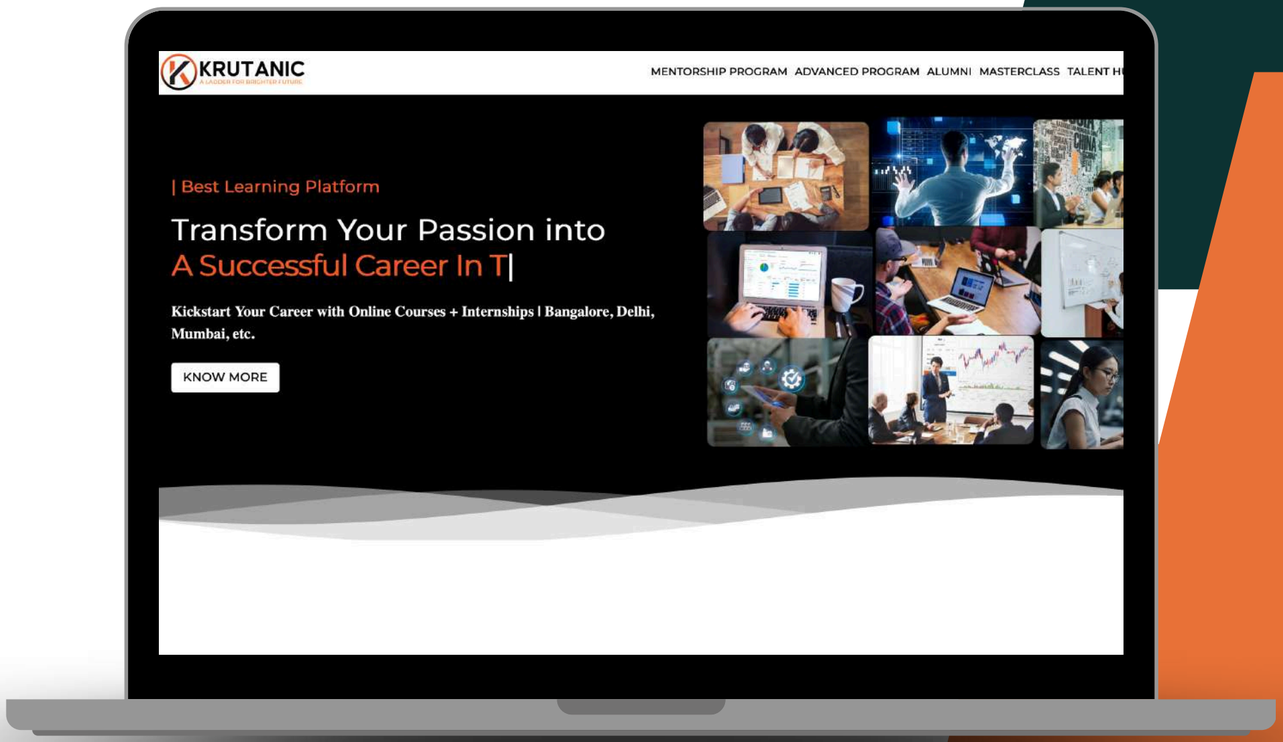

KRUTANIC

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We are now an accredited partner under

accenture

Adobe

TRAINING AND INTERNSHIP PROGRAM

KRUTANIC
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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. "

CYBER SECURITY

Why Cyber Security ?

- 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.

1st MONTH

LIVE SESSIONS

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

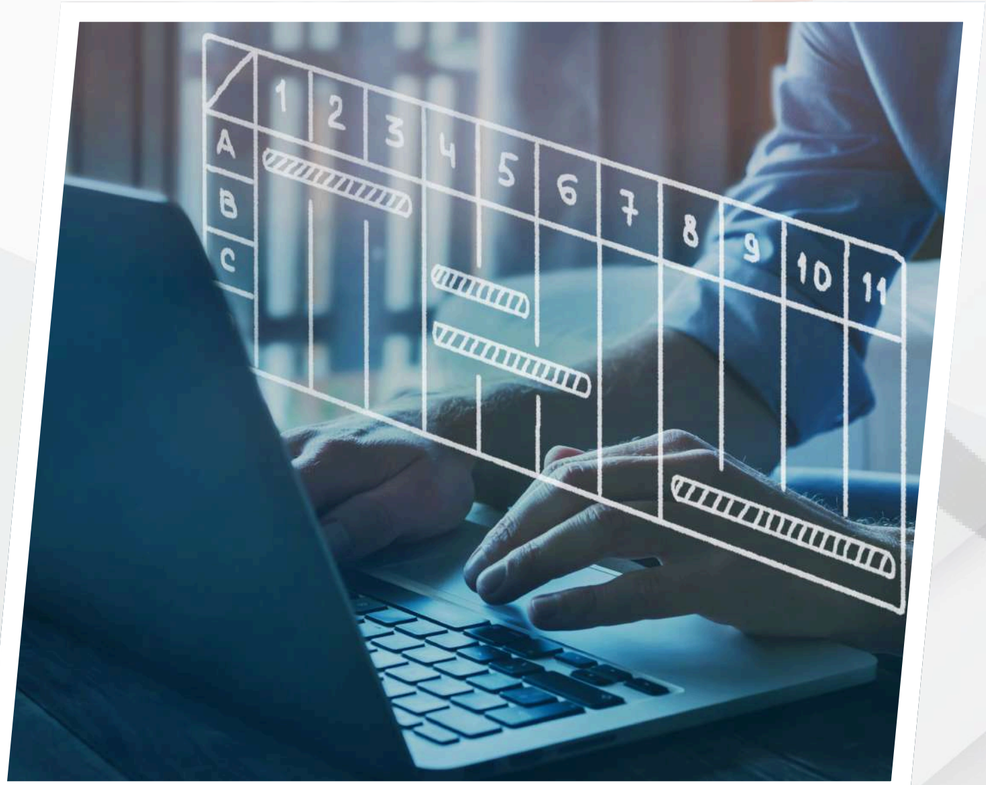
RECORDINGS

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.

2nd 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

- Introduction to Cyber Security
- Networking Fundamentals
- Operating Systems & Linux Basics
- Cryptography and Encryption
- Web Application Security
- Network Security & Firewalls

Modules Overview

- Ethical Hacking and Penetration Testing
- Vulnerability Assessment Tools
- Security Information & Event Management (SIEM)
- Malware Analysis and Prevention
- Incident Response & Digital Forensics
- Capstone Project & Interview Preparation(only for placement assistance program mock interview preparation)

Curriculum included

MODULE 01

Introduction to Cyber Security

- Understanding cyber threats, attacks, and vulnerabilities
- Types of cyber attacks: phishing, ransomware, DoS, etc.
- CIA triad: Confidentiality, Integrity, Availability
- Overview of cybersecurity domains and frameworks

MODULE 02

Networking Fundamentals

- OSI and TCP/IP models
- IP addressing, subnets, and ports
- Protocols: HTTP, HTTPS, FTP, DNS, etc.
- Network devices: routers, switches, firewalls

MODULE 03

Operating Systems & Linux Basics

- Linux command line essentials
- File systems and permissions
- System processes and services
- User management and scripting basics

MODULE 04

Cryptography and Encryption

- Symmetric vs asymmetric encryption
- Hashing algorithms (MD5, SHA)
- SSL/TLS protocols
- Public Key Infrastructure (PKI)

Curriculum included

MODULE 05

Web Application Security

- OWASP Top 10 vulnerabilities
- SQL Injection, Cross-Site Scripting (XSS), CSRF
- Input validation and secure coding practices
- Web server security configurations

MODULE 06

Network Security & Firewalls

- Firewall types and configurations
- Intrusion Detection & Prevention Systems (IDS/IPS)
- VPNs and secure tunneling protocols
- Securing wireless networks

MODULE 07

Ethical Hacking and Penetration Testing

- Phases of penetration testing
- Information gathering and scanning
- Exploitation and post-exploitation
- Reporting and documentation

MODULE 08

Vulnerability Assessment Tools

- Using Nmap, Nessus, and OpenVAS
- Automated scanning techniques
- Analyzing vulnerability reports
- Patch management and remediation

Curriculum included

MODULE 09

Security Information & Event Management (SIEM)

- Introduction to SIEM tools like Splunk
- Log analysis and correlation
- Threat detection and response
- Real-time monitoring and alerting

MODULE 10

Malware Analysis and Prevention

- Types of malware: viruses, trojans, worms, ransomware
- Static and dynamic malware analysis
- Sandboxing and reverse engineering basics
- Endpoint protection and anti-malware tools

MODULE 11

Incident Response & Digital Forensics

- Incident response lifecycle
- Evidence collection and chain of custody
- Disk imaging and data recovery
- Forensics tools and case studies

MODULE 12

Capstone Project & Interview Preparation

- Conduct a complete security assessment
- Simulate attack and defense scenarios
- Resume and LinkedIn optimization
- Practice technical and behavioral interview questions

Tools Included

Wireshark

Kali Linux

Nmap

Metasploit Framework

Burp Suite

Students Reviews

Google

Ramshad K

★★★★★

I have gained a really hands on Experiance 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 Al Mentor Ashish sir and support from my counsellor was really helpful. All thanks to Bhoomika mam my operations support member from krutanic.

Sunil Kumar

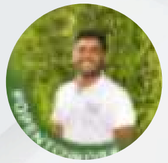
★★★★½

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. Ive 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

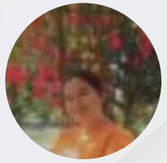
LinkedIn

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 Al 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

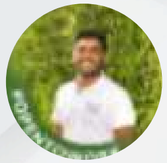
Just after few months of completion of my Al course I got my hands on attending Master class on Building Al agent without coding held in the month of March my experience was very good
I get to know about new things from my mentor Mr.Aashish Mishra
And at the end i recieved this ☺️
All thanks to Krutanic 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 Cyber Security course is essential for your learning journey.

Career Opportunities in Cyber Security

Cyber Security Analyst

Monitor networks, detect vulnerabilities, and respond to security incidents to protect organizational data.

Ethical Hacker / Penetration Tester

Simulate cyberattacks to identify and fix security flaws before malicious actors exploit them.

Security Engineer

Design and implement secure network solutions to defend against hacking, malware, and other cyber threats.

Career Opportunities in Cyber Security

Security Operations Center (SOC) Analyst

Work in a team to continuously monitor and analyze security posture on an organizational level.

Information Security Manager

Oversee security strategies, compliance, and risk management policies within an organization.

Incident Response Specialist

Respond rapidly to security breaches, conduct forensic analysis, and mitigate damage caused by cyberattacks.

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 exellence (Based on you Performance)

Program ratings

STUDENT AVERAGE RATINGS

★★★★½

4.85/5

Companies where our alumni thrive

Our process

Quick Guide

Register With Us

Schedule Your Class

Certifications

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Come join us now and contact us now

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www.krutanic.com

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