KRUTANIC

A LADDER FOR BRIGHTER FUTURE

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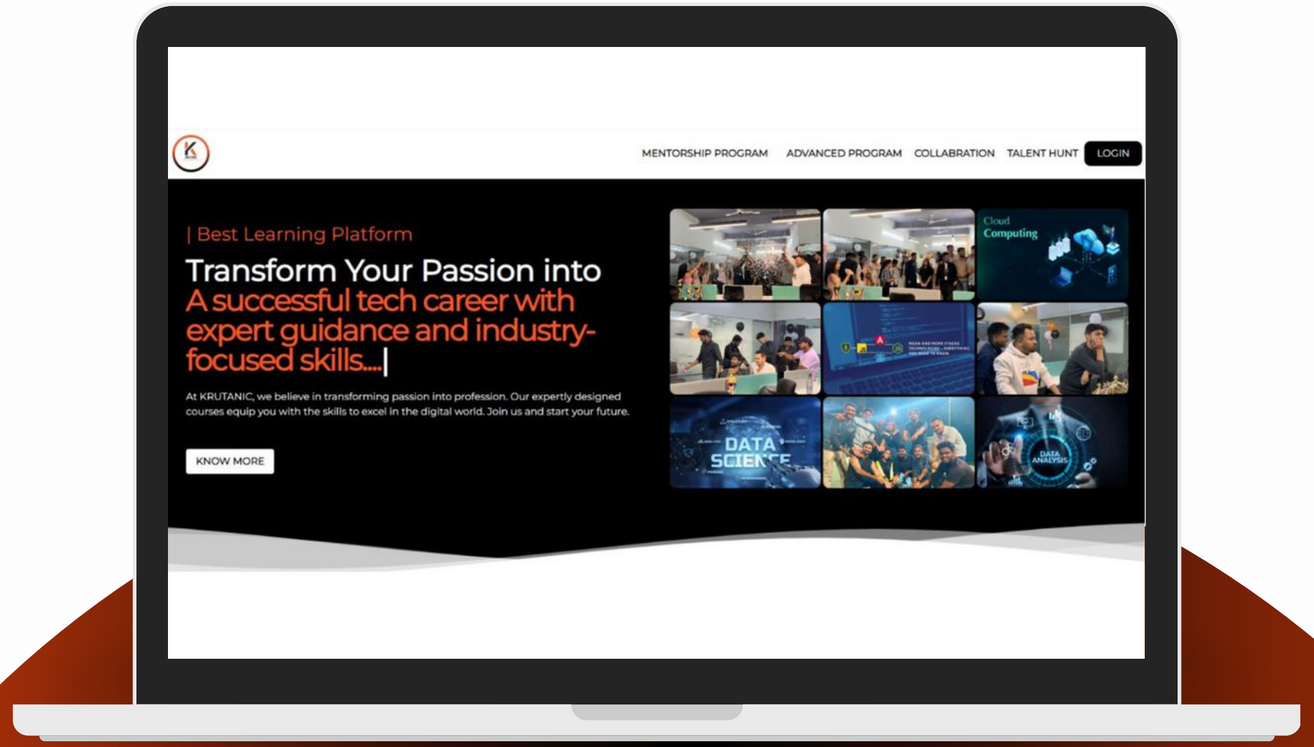


TRAINING AND INTERNSHIP PROGRAM

About us

"Krutanic Solutions 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. "

DEVOPS

Why DevOps?

- DevOps is integral to modern IT, with companies seeking skilled professionals to streamline development and operations.
- DevOps engineers and specialists often earn competitive salaries, reflecting their critical role in organizations.
- From automation to infrastructure management, DevOps offers varied roles to match different technical interests.
- DevOps professionals can work with international teams, offering global exposure and remote work possibilities.
- DevOps drives innovation in CI/CD, cloud integration, and automation, keeping you ahead of technological trends.
- The rise of cloud computing and agile practices ensures sustained demand for DevOps professionals across industries.

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 lifelong access in our LMS portal.

INDUSTRY RELATED

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

2ND MONTH

REAL TIME PROJECTS

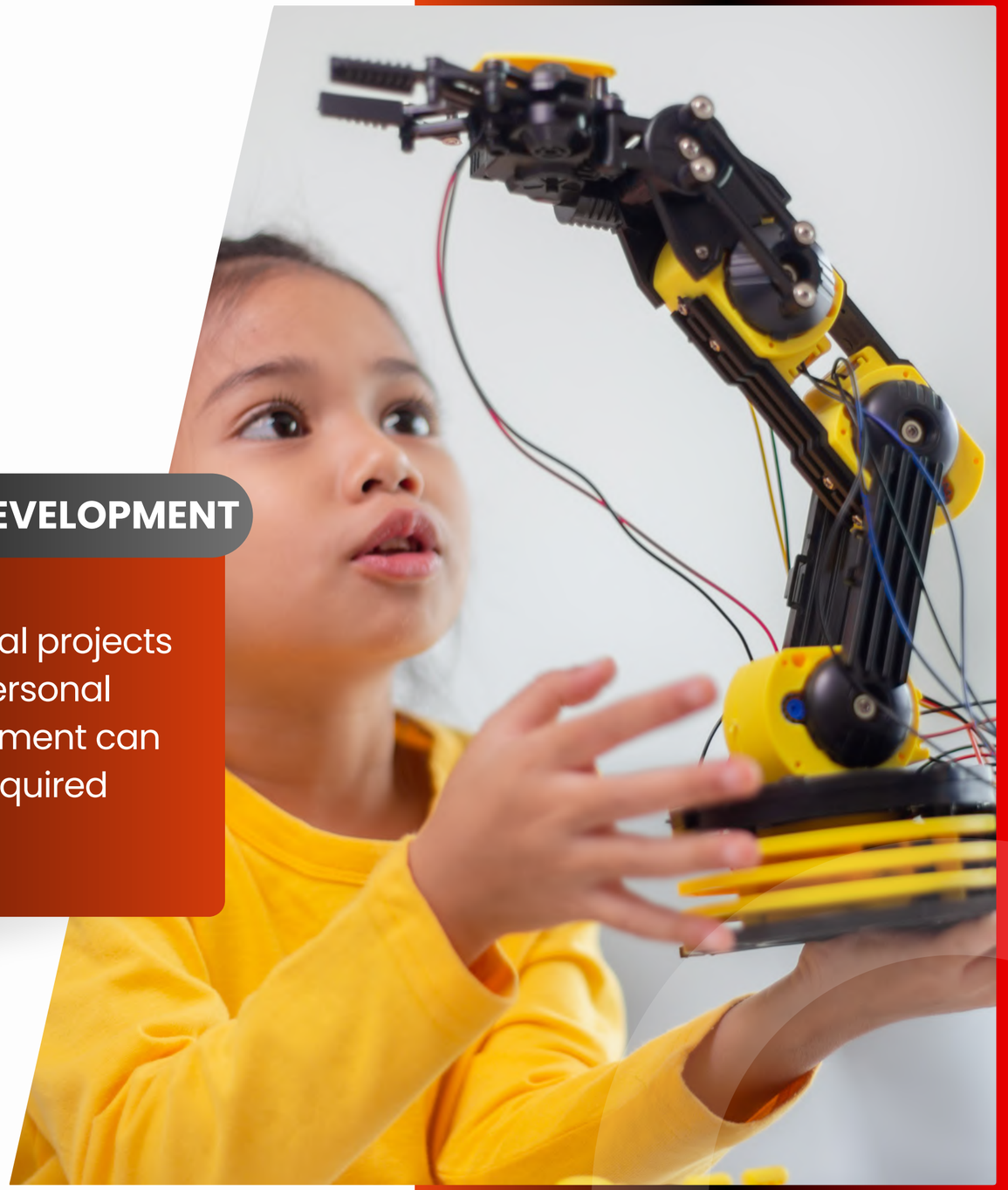
Two real time industrial projects One minor project and One major project

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



Curriculum included

Week 1 - 4

DAY 01 - 03

Introduction to DevOps

Overview of DevOps: What is DevOps? History and evolution. Key Principles: Collaboration, automation, continuous integration, continuous delivery/deployment. DevOps Culture: Agile, Lean, and the DevOps culture shift

DAY 04 - 07

Version Control Systems

Git Basics: Installation, configuration, and commands (git init, git add, git commit, git status, git log). Branching and Merging: Branch creation, merging, rebasing. Remote Repositories: Working with GitHub/GitLab/Bitbucket. Practical Exercise: Set up a Git repository, perform basic operations, and collaborate on a small project

DAY 08 - 10

CI/CD Concepts

Understanding continuous integration, continuous delivery, and continuous deployment. CI/CD Pipelines: What are pipelines? How do they work? Popular CI/CD Tools: Jenkins, GitLab CI/CD, GitHub Actions, CircleCI

DAY 11 - 14

Jenkins

Jenkins Installation and Configuration: Basic setup and configuration. Creating Jobs and Pipelines: Understanding Freestyle projects and Pipeline as Code (Jenkinsfile). Integrating Git with Jenkins: Automated builds and tests. Practical Exercise: Set up a Jenkins server, create a simple CI/CD pipeline that builds and tests a project

Curriculum included

Week 5 - 8

DAY 01 - 03

Configuration Management Tools

Introduction to Configuration Management: Why it’s important. Tools Overview: Ansible, Puppet, Chef

DAY 04 - 07

Ansible

Installation, configuration, and core concepts (inventory, playbooks, roles). Writing Playbooks: Simple tasks and complex playbooks. Ansible in Action: Deploying applications and managing infrastructure. Practical Exercise: Write and execute Ansible playbooks to configure a server and deploy an application

DAY 08 - 10

Docker

What is containerization? Benefits of Docker. Basic Docker Commands: docker run, docker build, docker images, docker ps. Dockerfile: Writing Dockerfiles and building images

DAY 11 - 14

Kubernetes

What is Kubernetes? Core concepts (pods, services, deployments). Kubernetes Setup: Minikube or a managed Kubernetes cluster (e.g., GKE, EKS, AKS). Deploying Applications: Using kubectl commands, creating deployments, services, and ingress controllers. Practical Exercise: Containerize an application with Docker and deploy it to a Kubernetes cluster.

Curriculum included

Week 09 - 10

DAY 01 - 03

Monitoring and Logging

Introduction to Prometheus, Grafana. Logging Tools: Introduction to ELK Stack (Elasticsearch, Logstash, Kibana) or alternatives like Loki

DAY 04 - 07

Security Practices

Integrating security into the DevOps pipeline. Common Security Practices: Vulnerability scanning, secrets management, and compliance. Practical Exercise: Set up basic monitoring and logging for a deployed application and implement security best practices

Discover why this DevOps course is essential for your learning journey

Google Ratings
4.8 / 5

Mentees Trained
15k +

Hiring Partners
200+

Job Openings
25000+

Average Salary
10+ LPA

Global Size
USD 187 Billion

Certifications

01

Training Completioon Certificate Validates the skills which acquired

02

Internship Completion certificate certified by " WIPRO dice Id "

03

LOR (Letter of recommendation)

04

Certificate of exellence

05

Placement Assistance

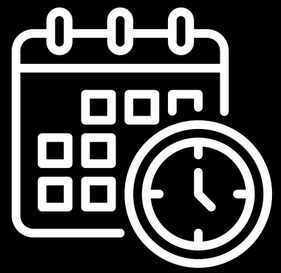
Our process

Quick guide

1

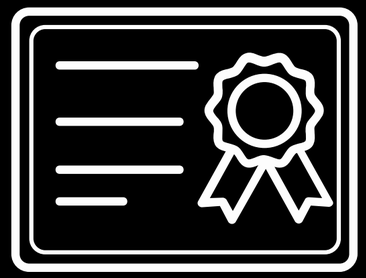
Register with us

2



Schedule your classes

3



Certifications

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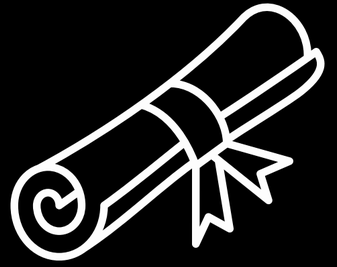

Placement assistance

Program ratings

STUDENTS AVERAGE RATINGS

★★★★½

4.85 / 5

Brands where our alumini are

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REACH OUT US

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www.krutanic.com

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