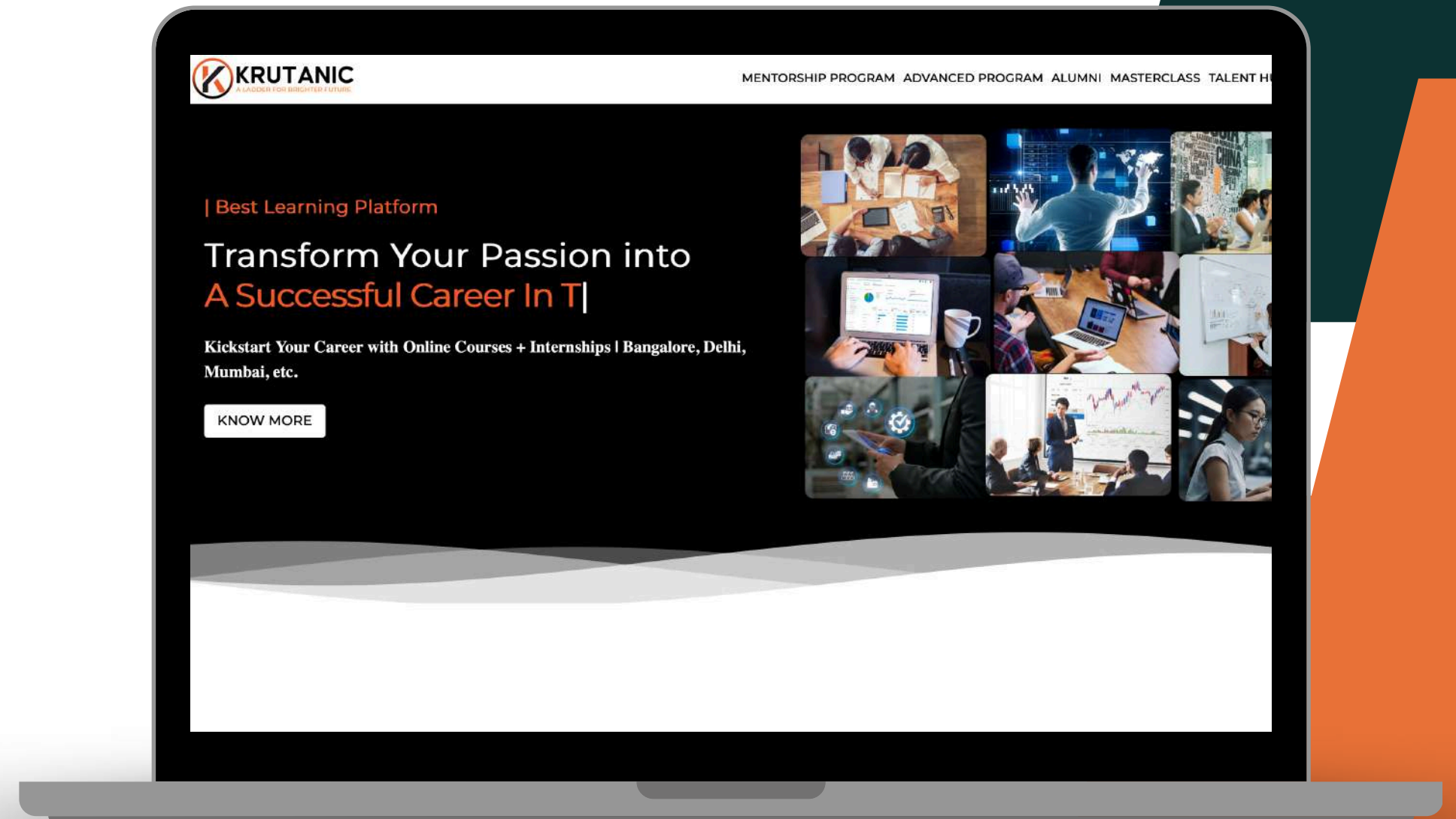


[www.krutanic.com](http://www.krutanic.com)



[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. "





# FULL STACK DEVELOPMENT

# Why Full Stack Development?

- ⚙️ **Full stack developers are proficient in both frontend and backend, making them versatile assets to any tech team.**
- ⚙️ **They can independently build complete web applications from scratch, ensuring faster development cycles.**
- ⚙️ **High demand across startups, tech companies, and freelancing platforms due to their broad skill set.**
- ⚙️ **Mastery over the entire tech stack allows better project ownership and problem-solving capabilities.**
- ⚙️ **Opens doors to various roles like frontend, backend, DevOps, and architectural positions.**
- ⚙️ **Full stack development offers continuous learning with evolving tools like React, Node.js, Docker, and CI/CD.**



# 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

- **HTML & CSS Fundamentals**
- **JavaScript Programming**
- **Frontend Framework – React.js**
- **Version Control with Git & GitHub**
- **Backend Basics – Node.js & Express.js**
- **Database Integration (MongoDB)**

# Modules Overview

- **Authentication & Authorization**
- **Deployment & Hosting**
- **RESTful API Practices**
- **Advanced React & State Management**
- **DevOps Basics for Developers**
- **Capstone Project & Interview Prep (only for placement assistance program mock interview preparation)**



# Curriculum included

## MODULE 01

### HTML & CSS Fundamentals

- Structure web pages using semantic HTML tags
- Style with CSS: colors, fonts, spacing, Flexbox & Grid
- Make websites responsive using media queries
- Build basic page layouts and forms

## MODULE 02

### JavaScript Programming

- Learn variables, data types, and operators
- Use functions, loops, and conditional statements
- Manipulate the DOM dynamically
- Handle user inputs and form validations

## MODULE 03

### Frontend Framework React.js

- Build reusable components using JSX
- Manage state and props effectively
- Implement routing using React Router

## MODULE 04

### Version Control with Git & GitHub

- Initialize Git repositories and commit changes
- Work with branches and resolve merge conflicts
- Push and pull code to/from GitHub
- Collaborate using pull requests and issues

# Curriculum included

## MODULE 05

### Backend Basics – Node.js & Express.js

- Set up Node.js and build a basic server
- Create RESTful APIs using Express routes
- Use middleware for logging and error handling
- Serve frontend with Express

## MODULE 06

### Database Integration (MongoDB)

- Understand NoSQL database concepts
- Perform CRUD operations with MongoDB
- Use Mongoose for schema and model creation
- Connect Express backend to the database

## MODULE 07

### Authentication & Authorization

- Implement login and registration features
- Secure routes using JWT or sessions
- Store passwords securely using hashing (bcrypt)
- Set up role-based access controls

## MODULE 08

### Deployment & Hosting

- Deploy frontend on Vercel or Netlify
- Deploy backend on Heroku or Render
- Use environment variables and .env files
- Monitor live app performance and logs



# Curriculum included

## MODULE 09

### RESTful API Practices

- Structure REST APIs using best practices
- Test endpoints using Postman
- Handle status codes, errors, and validation
- Follow modular coding structure for scalability

## MODULE 10

### Advanced React & State Management

- Manage global state using Context API or Redux
- Handle complex UI state and async data flow
- Optimize performance with memoization and lazy loading
- Use Redux DevTools and middleware (like thunk)

## MODULE 11

### DevOps Basics for Developers

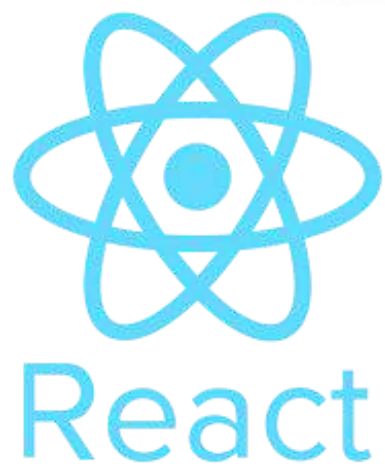
- Understand CI/CD workflows and pipelines
- Automate deployments using GitHub Actions
- Introduction to Docker for containerization
- Manage code in a team-friendly DevOps environment

## MODULE 12

### Capstone Project & Interview Prep

- Build and deploy a complete MERN (MongoDB, Express, React, Node) project
- Showcase work via GitHub and portfolio
- Practice coding questions and mock interviews

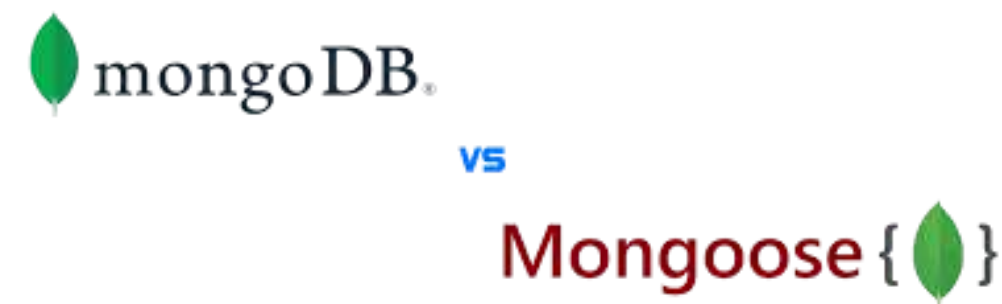
# Tools Included



React.js



Node.js & Express.js



MongoDB & Mongoose



GitHub





# Students Reviews



## Ramshad K



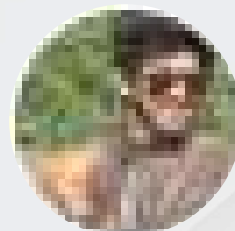
I have gained a really hands on Experience with on graphic design which was delivered by Akash sir was very supportive and endless worthy experience so far.



## 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



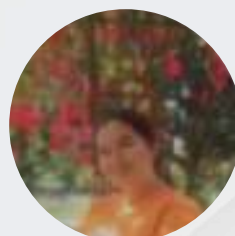
## Tejas Kolekar

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  
Full Stack  
Development  
course is essential  
for your learning  
journey.**



# Career Opportunities in Full Stack Development

## Full Stack Developer

Build and maintain both frontend and backend of web applications, ensuring seamless integration.

## Frontend Developer

Focus on creating interactive, user-friendly interfaces using technologies like React or Angular.

## Backend Developer

Develop server-side logic, APIs, and database interactions using Node.js, Express, or similar frameworks.



# Career Opportunities in Full Stack Development

## DevOps Engineer

Manage deployment, CI/CD pipelines, and infrastructure automation to streamline development workflows.

## Mobile App Developer (React Native)

Build cross-platform mobile applications using React Native, sharing skills from web development.

## Technical Lead / Architect

Oversee technical decisions, system architecture, and guide development teams through projects.

# 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



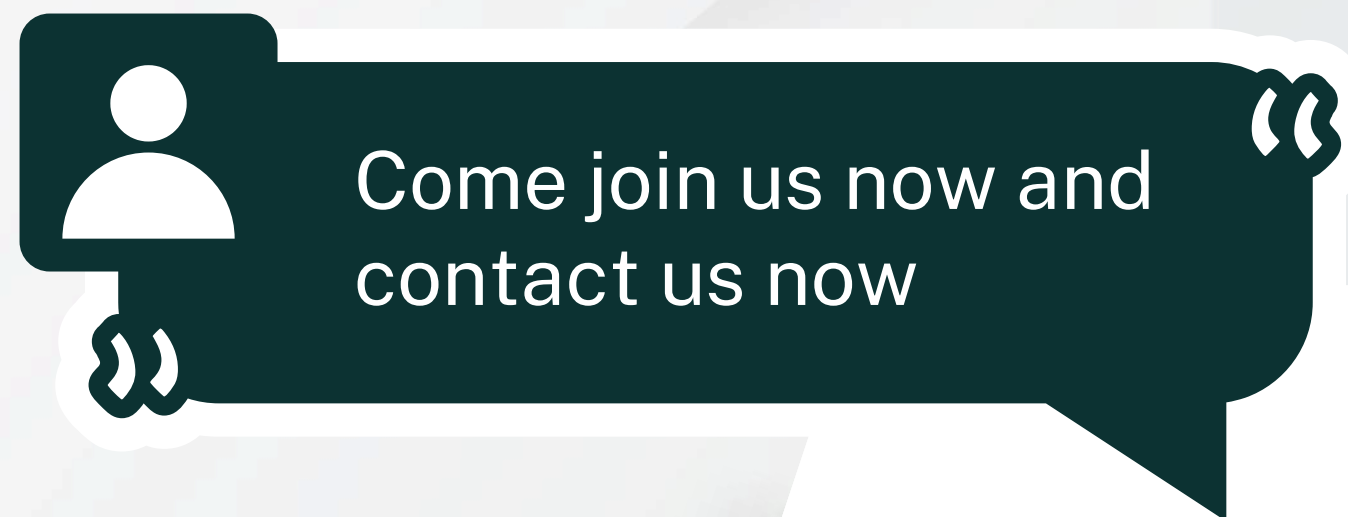
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**Certifications**



 +91 7022812878

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

 Bangalore, Karnataka

