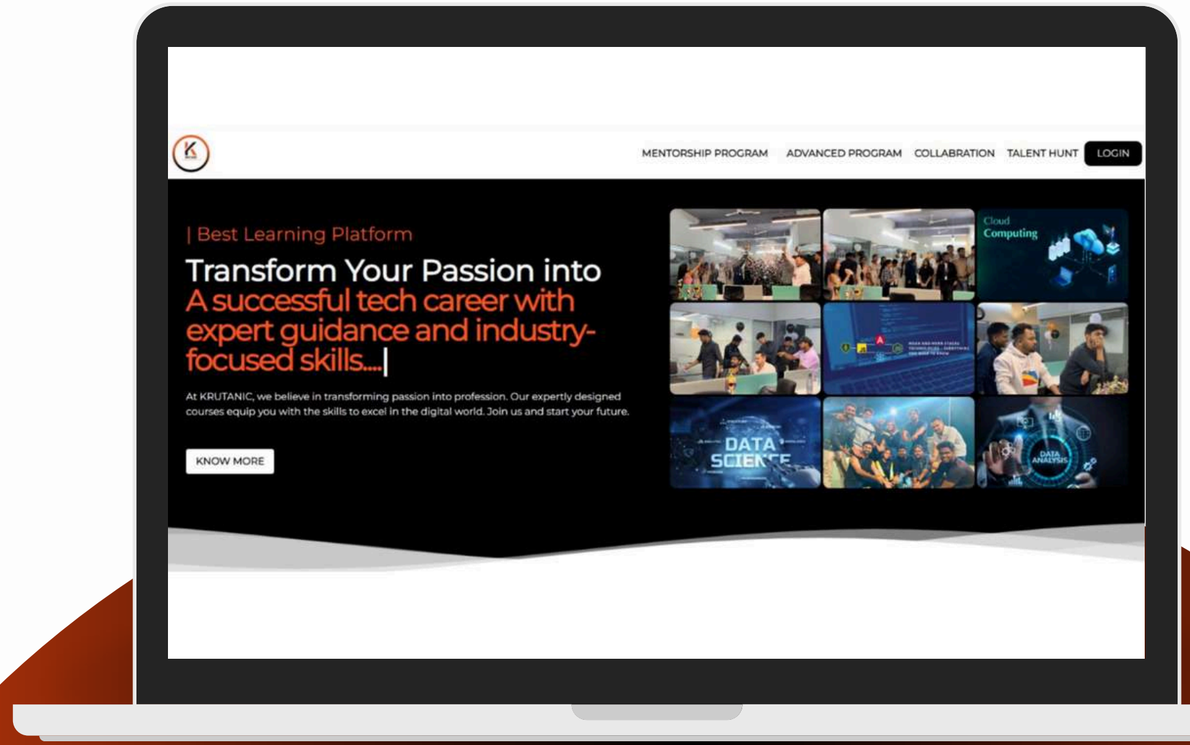
KRUTANIC

A LADDER FOR BRIGHTER FUTURE

www.krutanic.com

support@krutanic.com



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. "

ANDROID DEVELOPMENT

Why Android Development ?

- Android development is one of the most in-demand skills, with millions of Android apps being developed globally.
- Android developers often earn competitive salaries due to the high demand for mobile app development expertise.
- Android development allows you to create innovative and engaging apps, offering a creative outlet for technical skills.
- With Android being the most widely used mobile platform, developers have global career opportunities and remote work options.
- Android development evolves with new technologies and tools, offering continuous learning and growth in your career.
- As mobile app usage continues to rise, the demand for skilled Android developers ensures long-term career stability.

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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

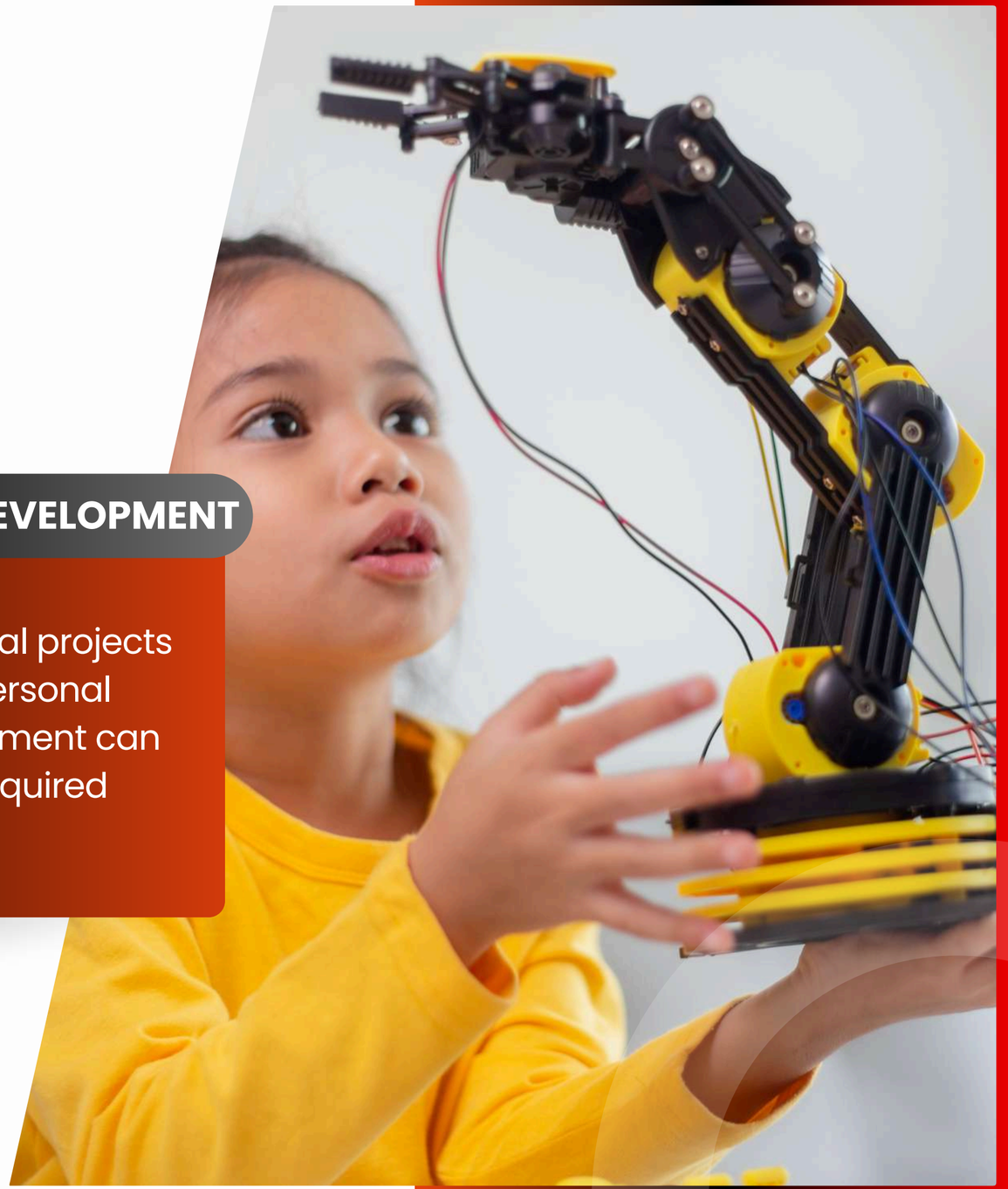
Two real time industrial projects One minor project and One major project

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

MODULE - 01

Overview of Android OS and ecosystem Android app architecture (Activities, Services, Broadcast Receivers, Content Providers)
Setting up Android Studio and Emulator Create a "Hello World" app Overview of Android project structure (Manifest, Gradle)
Basics of UI design using XML

MODULE - 02

Understanding Activity lifecycle Handling state changes (e.g., orientation changes)
LinearLayout, RelativeLayout, ConstraintLayout
Basic UI elements: TextView, EditText, Button, ImageView

MODULE - 03

OnClickListener and other event listeners
Toasts and Snackbar notifications.Debugging tools in Android Studio Overview of Kotlin basics: Variables, Loops, Functions

MODULE - 04

Create a multi-screen app with navigation between activities Explicit and implicit intents
Data transfer between activities

Curriculum included

MODULE - 05

Introduction to Fragments
Replacing Activities with Fragments for modular design
Using Navigation Graph for managing app flow
Adding a Bottom Navigation or Drawer Navigation

MODULE - 06

Introduction to RecyclerView
Creating and binding Adapters Creating and handling AppBar menus
Using Contextual Action Mode

MODULE - 07

Floating Action Buttons, Snackbars
Using Material Components
Build a "Notes App" with multiple screens and navigation Shared Preferences for small data
Introduction to SQLite

MODULE - 08

Setting up Room for SQLite operations CRUD operations
Basics of RESTful APIs
Using Retrofit to fetch data
Parsing JSON using Gson/Moshi Displaying API data in RecyclerView

Curriculum included

MODULE - 09

Using Glide or Picasso for image loading
Optimizing performance for image-heavy apps
Build a "Weather App" fetching data from an open API
Runtime permissions (Camera, Storage, etc.)
Secure data storage basics Introduction to WorkManager Using Coroutines for asynchronous programming

MODULE - 10

Firebase Authentication
Using Firebase Realtime Database or Firestore
Adding animations for better UX Implementing transitions between activities/fragments Writing and running UI tests Debugging and fixing common issues Generating a signed APK Play Store requirements and publishing

Discover why this Android Development course is essential for your learning journey

Google Ratings
4.8 / 5

Mentees Trained
15k +

Hiring Partners
200+

Job Openings
45000+

Average Salary
12+ LPA

Global Size
USD 179 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

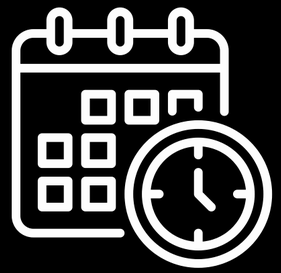
Our process

Quick guide

1

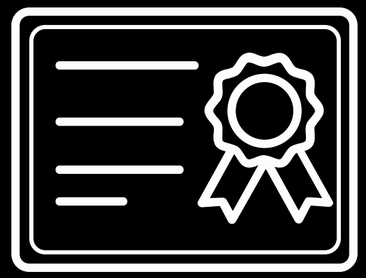
Register with us

2



Schedule your classes

3



Certifications

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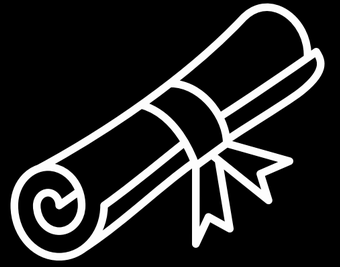

Placement assistance

Program ratings

STUDENTS AVERAGE RATINGS

★★★★½

4.85 / 5

Companies where our alumni thrive

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REACH OUT US

+91 7022812878

www.krutanic.com

Bangalore,karnataka