

Coding, AI/ML & Robotics









Overview

Welcome to the world of No-Code and Al! Learn the Latest 21st-century skills that stand you out, whether they code apps/websites, build robots, or work with AI/ML.

1 Week Prem. Course



Beginner





Prerequisites

There are no required prerequisites. SCIENCE Background or at least Interest will be fine! You will also need to be able to communicate fluently and professionally in written and spoken Hindi/English/Hinglish.

Skills You'll Learn

Coding

Intro. & Fundamentals | All About Softwares | Thinking, Flow, Charts & Process | Scratch & PictoBlox | Thonny & Tinkercad | Anim. & Games | Al Coding | Best Practices | ACTIVITIES: 4

AI/ML

Introduction | AI VS HI | AI & Types | Applications | Data & Information | Types of ML & Steps | Teachable Machine | Face/Object Detection/Recognition | Advanced ML | ACTIVITIES: 4

Robotics

Introduction | History & Fundamentals | Actuators | Sensors | Manipulators | Microcontrollers - Uno/Quarky/Pico| DOF | 3D Printing | Best Practices | ACTIVITIES: 4





Contents

01. Coding

3 Hrs (Live + Rec.)

This course introduces programming fundamentals through practical examples, covering NoCode, LowCode, and textual approaches with logical thinking development using algorithms and flowcharts. Students work with Scratch, PictoBlox, Thonny, and Tinkercad to create engaging projects, such as Animations, Interactive, Puzzle, and Logical Games. The course emphasizes VIBE coding methodologies and industry best practices for efficient code development.

ACT: 4

02. Artificial Intelligence & Machine Learning

3 Hrs (Live + Rec.)

This course explores artificial intelligence, human intelligence, and animal intelligence through interactive activities and quizzes while learning AI fundamentals and data importance. Students master different types of machine learning, work with Teachable Machine, and develop face/object detection and recognition skills. The course culminates in creating a Classification project using PictoBlox with live detection demonstrations and advanced ML techniques.

ACT: 4

03. Robotics

4 Hrs (Live + Rec.)

This course covers robotics history, fundamentals, and core components including actuators, sensors, manipulators, and microcontrollers like Arduino Uno, Quarky, and Pico. Students learn Degrees of Freedom (DOF), explore 3D printing, and create live projects including obstacle detection in Tinkercad and gesture-controlled Quarky cars using PictoBlox. The course emphasizes hands-on learning with industry best practices for intelligent robotic systems.

ACT: 4

CAPSTONE PROJECTS: 2











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Skills You'll Learn

Web Development Basics

Intro & Fundamentals | All About Hosting, Domain, Server, Cloud | HTML, CSS, JS | Prem. Tools | Dribbble | Hostinger Business Tutor. | Firebase Console | Tips & Tricks | PROJECTS: 2

AI Tools & VIBE Coding

Intro | AI & ML | VIBE Coding | Wordpress | Bolt.new | Lovable | Firebase Studio | Cursor AI | Gemini | Claude | Chat GPT | Github Copilot | Best Practices | PROJECTS: 4

Monetization & Publishing

Introduction | Adsense | SEO | Ranking on google | Finding Clients | Automations | Project Delivery & Documentation | Publish (Free/Paid) | Best Practices | Prem. Docs | PROJECTS: 2





Contents

01. Web Development Basics

2 Hrs (Live + Rec.)

This comprehensive 2-hour foundational module kicks off the course, covering the fundamentals of modern web development and providing a crucial overview of HTML, CSS, and JS to empower advanced no-code customization. Participants will master critical infrastructure like hosting and domains, and gain access to a curated list of premium tools and expert guidance through the Hostinger Business Tutor. Packed with professional tips & tricks for an efficient workflow, this module culminates in two in-depth projects to build a powerful web presence from the ground up.

PROJ.: 2

02. Al Tools & VIBE Coding

3 Hrs (Live + Rec.)

This intensive 3-hour deep-dive module forms the core of the course, focusing on mastering the art of building sophisticated websites using WordPress and a powerful suite of AI tools. Following the VIBE Coding methodology, participants will leverage AI assistants like Gemini and ChatGPT for premium content creation and use Github Copilot and Cursor AI for advanced workflow automation. This module is heavily project-based, challenging students to build four distinct, fully-functional, AI-enhanced websites and solidifying their skills as elite no-code developers.

03. Monetization & Publishing

2 Hrs (Live + Rec.)

This final 2-hour business module transforms your technical skills into a successful enterprise. We cover advanced strategies for finding clients, implementing business automations, and driving traffic through expert SEO and Google ranking techniques. A significant portion is dedicated to mastering professional project delivery and creating high-quality client documentation, with access to a library of premium document templates. The course concludes with two final projects where you will build a complete business and monetization strategy for a web venture.

PROJ.: 2 CAPSTONE PROJECTS: 2





Meet Your Instructor



Harshit Arya

ML Enthusiast
AI & Robotics Master Trainer
Course Instructor
Founder DoNoCode

With over five years of experience in STEM education, web/app development, AI/ML, and No-Code, He has conducted multiple government as well as private trainings for Robotics all over India, trained educators for ATL Labs, and delivered STEM & No-Coding trainings globally to multiple creators and innovators. As a top 10% performer worldwide in AWS DeepRacer League 2022-2023 and a semifinalist in Indian DeepRacer League 2022, he brings both competitive expertise and educational excellence to help students master AI, robotics, and modern development technologies.

Sarthak Mishra

AI/ML Enthusiast Course Instructor Software Engg.



He is a versatile software engineer with extensive experience in robotics, web scraping, automation, and no-code web development. He has a proven track record of delivering high-quality applications and has led numerous innovative robotics projects. Renowned for his creative approach, he possesses a unique ability to clearly demonstrate and explain complex robotics concepts, and has a passion for mentoring students in the field.





Why DoNoCode

1. Demonstrate proficiency with practical projects



Projects are based on real-world scenarios and challenges, allowing you to apply the skills you learn to practical situations, while giving you real hands-on experience

- Gain proven experience
- Retain knowledge longer
- Apply new skills immediately

2. 24/7 access to real human support



Reviewers provide timely and constructive feedback on your project submissions, highlighting areas of improvement and ofering practical tips to enhance your work

- Get help from subject matter experts
- Gain valuable insights and improve your skills
- Learn industry best practices





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