

Year 1 - Building AI Foundations

Learn by building strong foundations in programming and core AI concepts right from Year 1

Skills & Technologies

Python

JavaScript

C++ Programming

NodeJS

What You'll Learn



Advanced DSA in C++

Master complex data structures & algorithms in C++



Maths for AI

Build a strong foundation in math for AI



Front End - Web Development

Learn to design dynamic and responsive websites



Intro to Data Science & Programming

Understand data analysis and visualization

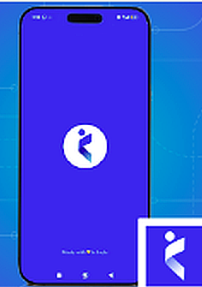
How You'll Apply



Industry Immersion in Healthcare, Retail & E-commerce



Detect patterns like Netflix's recommendation engine



Create a job portal with real-time matching like Naukri



Participate in hackathons like SIH, ACM-ICPC, and more

Year 2 - Creating Practical Models

Apply your learning to real-world AI problems and start building practical solutions in Year 2

Skills & Technologies

NoSQL

ReactJS

NumPy

Linux

What You'll Learn



DBMS and OS

Master database management and operating systems



Machine Learning & NLP

Learn ML algorithms and natural language processing



Computer Networks & System design

Understand networks and system architecture



Deep Learning

Explore deep learning techniques for AI applications

How You'll Apply



Industry Immersion in Finance, Fintech, & Manufacturing



Build a cloud monitoring tool like AWS CloudWatch



Create a real-time object detection like Tesla's Autopilot



Google
Summer of Code

Imagine Cup

Compete in GSOC, Imagine Cup & more global events

Year 3 - Mastering Advanced AI

Build real-world AI products using Generative AI and gain hands-on industry experience in Year 3

Skills & Technologies

LLM Model Creation

Neural Networks

Prompt Engineering

Data Visualization

What You'll Learn



Cybersecurity

Train to fight the future's digital threats



System design (HLD)

Design scalable systems with high-level architecture



Gen AI

Explore generative AI for creative & practical solutions



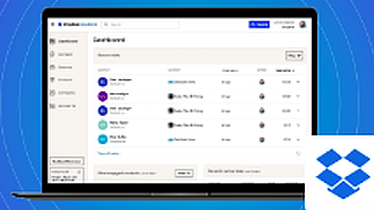
Blockchain

Learn blockchain tech for secure, decentralized systems

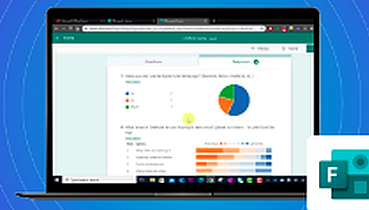
How You'll Apply



Industry Immersion in Automotive and Cybersecurity



Build a decentralized storage system like Dropbox



Create an e-voting platform like Microsoft Forms



6-Month Paid Internship Opportunity at Top Tech Firms

Year 4 - Driving Change

Transform your ideas into impactful, real-world AI products in Year 4

Skills & Technologies

NLP

Azure

AI Deployment

OpenCV

What You'll Learn



DevOps & Cloud Computing

Learn DevOps practices for efficient cloud deployment



Software Engineering

Design, build, and test scalable software systems



.NET development

Develop applications using Microsoft's .NET framework



Spring Boot

Build scalable backend applications with Spring Boot

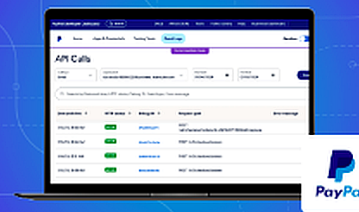
How You'll Apply



Industry Immersion in Logistics, HR, and Supply Chain



Build CloudKart : Scalable e-commerce like Shopify



Develop FinGuard : Secure digital wallet like PayPal



Get placed at top product and tech companies