

Full Stack Web Development Program

Become an Expert Web Developer

Capstone Project

Guaranteed Job Program

+91 9967120080

TABLE OF CONTENTS

Program Details

1

Why choose us

2

Dual Certification

3

Guaranteed Job Program

4

Transition Process

5

Program Fee & Financing

6

Program Outline

7

Real-Time Projects &
Detailed Syllabus

8

PROGRAM DETAILS

COURSE PREREQUISITE

There are no such hard prerequisite to learn web development as we cover everything from basic to advance level

WHO IS THIS PROGRAM FOR?

- ✓ Anyone having a career gap and willing to restart their career in web development.
- ✓ Students in their final year or fresh graduates with or without programming backgrounds willing to make their career in web development

INDUSTRIAL EXPERTS

Our trainers are working professionals having more than 5+ years of experience.

**Course
Duration**

**12 Months
Monday to Friday
4 Hours/Day**

**200+ Hours
of Learning**



PRACTICAL PROJECT EXPERIENCE

Learn with real-time industrial projects & case studies

Practice with 10+ real-time

- projects & use cases, 2 capstone projects, and get
- ready for product-based company interviews



SUPPORT FOR NON-PROGRAMMERS

We provide special assistance and support for non-technical professionals

- All tools & modules are covered from scratch
-



+91 9967120080



1-ON-1 DEDICATION

- Live interactive session with expert for every individual
- Each session is guided by industrial expert
- Project based learning



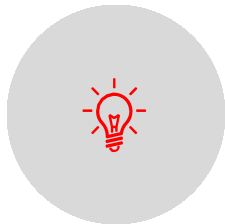
3 YEARS SUBSCRIPTION

- Limitless access for all the learning materials, live batches, and project sessions
- Professionals get to switch between weekdays and weekends
- Make your learning calendar as per your convenience.



GUARANTEED JOB CALLS

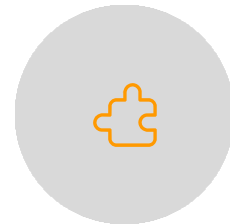
Journey from a non-programmer to an expert web developer in leading MNCs with our Guaranteed Interview Calls Program



Learn in-depth
about Front-end &
Back-end to crack
interviews in
Product based
MNC's



Gain practical
experience by
working on 10+
real-world projects
guided by MAANG
experts



Sharpen your skills
with 2 capstone
projects in 100%
Live Interactive
Session

DUAL CERTIFICATION



Priority access to startup job sites and requirements for individual projects.



Get certified on completion of industry-level projects.

TRANSITION PROCESS

LEARNING PHASE

Learn updated tools and modules from basic to advance guided by industry expert



TECHNICAL EXPERTISE

Acquire a profound knowledge of front-end and back-end programming



REAL-TIME PROJECTS

Training with real-world projects under the direction of MAANG specialists



CERTIFICATION

Earn Dual Certification get globally recognized



PROFILE GROOMING

Get Interview Ready with experts. Attain Resume Build-Up, 1:1 Mock Interview



100% INTERVIEW

Guaranteed Interviews from FinTech Startups and top MNCs



PROGRAM OUTLINE

TERM 01

Cohort + Preparatory Session - 20 Hrs

20 Hrs

TERM 02

Web Development Tools

- Frontend - 40 Hrs
- Backend - 40 Hrs
- Database - 40 Hrs
- EssentialTools - 40 Hrs
- Deployment on cloud - 20 Hrs

180 Hrs

TERM 03

Real-Time Use Cases & Projects

- Portfolio Website
- Website Clone
- Link Tree
- Real Time Chat Application and more



20 hours

1. Cohort Orientation (4 Hours)

- A quick guide to Full Stack Web Development
- What, Why – Full Stack Development
- What is meant by the terms "Frontend," "Backend," "Database," "Testing," "Version Control," "Project Management," and "Cloud Techniques"
- ♦ Significance of projects

- Job Opportunities in IT industry
- How to make it big in the IT Industry and crack **MAANG** Interviews
- Interview process of top product based MNCs and Unicorns.
- Scopes/Jobs of a Full Stack Developer
- Details about this Full Stack course
- All about – **MEAN** stack and **MERN** stack

2. Preparatory Session (14 Hours)

- Web fundamentals
- **Git** and **github** Basics
- Basic SQL queries to handle data
- Programming Fundamentals
- Mathematics for programming

3. Understanding elite domains (2 Hours)

- Full Stack Development
- Product Engineering / Management
- Data Science and AI
- Web 3.0 Developer
- DevOps and Cloud

180 hours

1. Front End Development (40 hours)

- Enhance Bootstrap's look and feel using the newest **HTML5** and **CSS3** features.
- Getting started with JavaScript
- JavaScript – Basic to Advance
- Understanding basics of **jQuery**
- Study the most frequent tags used in react js, **angular**, and nodejs

- Develop layouts that are appealing, accessible, and responsive.
- Learn how to use React JS to create single-page apps.
- Understand basics of UI/UX (**Figma**)
- Implement user authentication
- Overview of Backbone & Express JS
- Learn DOM Manipulation

2. Back End Development (40 hours)

- Learn Express Framework, and make scalable web applications
- SQL and NoSql Concept
- Understand the logic behind the MongoDB data storage
- Introduction to CSS for Backend
- OOPS to design the program using classes and objects.
- Learn **Design Patterns** & Object Modelling

- Learn **JSON** & **AJAX** to connect to APIs and endpoints
- Web Programming with Javascript Use Node JS to build better user interfaces
- Learn handling HTTP requests using **ExpressJS**
- Learn basic principles of REST APIs
- All about Spring Boot, Django

3. Creating web applications from scratch

- Build static **HTML** and **CSS** websites for your portfolio and landing pages.
- **Build a To-Do List Application**
 - Improve your front-end techniques with user login and authentication, understand different types of operations in database.

3. Creating web applications from scratch

- Build a fully functional **blog application** from the ground up using Node, Express, and **MongoDB**
 - The server-side is crucial for archiving blog articles as they are built and for rendering text on the client-side

180 hours

Real - Time Use Case

- ◆ On-Demand **Home Service Application**
 - Visitors may use this to search for services based on location, budget, and local vendors.

4. Database (40 hours)

- Use **MySQL** to create and manipulate your own databases
- Learn **MongoDB** – Operators, Collections, Indexes, Cloud
- Built-in interface to manage the database object

4. Database (40 hours)

- Utilize SQL to produce insights and reports from real-world data
- Handling data warehouses to web services with several concurrent users using **PostgreSQL**

5. Essential Tools (40 Hours)

- Using Git, GitHub for Version Control
- **Selenium** – For quick, systematic web-application testing
- Sending Collections of API Requests using **PostMan**
- Discover the fundamentals of a **Trello** Board, including the lists, cards, and menu
- Using the JIRA

6. Deploying Web Applications on Cloud (20 Hours)

- Understanding **AWS** Smart Architecture
- Writing **Node.JS** Web Server – ready to deploy on App Engine
- Use **Firebase** authentication to implement federated identity management
- **Google Cloud Platform** – learn infrastructure deployment service

REAL-TIME PROJECTS



Portfolio Website

- Interactive Personal Website
- List professional Details like experience and education
- Showcase your Projects and achievements
- SEO Friendly to rank on google
- Deployed on Github Pages



Website clone

- Clone websites like Facebook, amazon, Flipkart, zomato, etc
- Pixel-perfect cloning of the website
- Multiple pages
- Deployed on Github Pages



Real Time Chat Application

- Login/Signup to access the application
- Invite people using emails
- Create chat rooms
- Add one-on-one chat with other users



REAL-TIME PROJECTS



Link Tree

- Custom link tree
- Personal and social links
- QR code to open the link
- Deployed on GitHub Pages



Movie App

- Online application with all the movies and series
- Users can search for any movie
- Users can view the movie's details
- Deployed on Netlify



Meme Generator

- Online application to view trending memes
- User can upload and create meme on the go



REAL-TIME PROJECTS



Blogging Application

- Login/Signup to the application
- Create article
- View list of all articles
- Edit/Delete his/her own articles
- Add categories, tags, and filters to list blog page
- Follow other article authors
- Favorite/like articles
- Add comments to the articles



React

nodejs



E-commerce Application

- This application has 2 separate interfaces
- User facing
- Admin dashboard for managing products
- Users can do the following things
 - Login/Signup for the application
 - Browse through different products
 - Filter products based on category, price, etc
 - Like, review products
 - Add product to cart or wishlist
 - Edit/Delete account
- Admin can do the following tasks
 - Add/List products
 - Update product details, quantity, etc..
 - View list of all the users
 - Block/unblock a particular user



React

express



mongoDB

nodejs

REAL-TIME PROJECTS



Task Management

- Login/Register to the application
- Add daily tasks for themselves
- Assign a due date of completion
- Mark them as complete/incomplete
- View weekly/monthly statistics of their todos

 React

express



Website Book store / Library Management / Stock Keeping Application

This is an online library management app where users can rent books for a specific time, like them, and can also review books. This will have 2 interfaces:

a) User Interface

b) Admin Interface

- Users registered for this application can browse books from the library and filter them based on category, author, publications, etc..
- Pay & Rent them for a specific duration
- Like/Review them
- Admin of this application can List/manage books
- Track rented books and their availability
- Send notifications via email to users once their lease expires

 React

nodejs

 MySQL

Contact Us

“

*Learn Here,
Lead Anywhere*

Click on the icon to follow us!



Address

90
Ambe Bhakti,
Ghansoli, Sector 5
Navi Mumbai 400701

Book a counselling session
with expert!

[Book a session](#)

