CAREER
ENGINE

EMPOWERING YOUR FUTURE

Job Oriented Programs

Our Courses

FULL STACK DEVELOPMENT

A comprehensive IT course welcoming all enthusiasts to master web development, covering both front-end and back-end.

ABOUT
CAREER ENGINE

Career Engine, established in 2022 is a dynamic computer center located in Sri Muktsar Sahib, Punjab. We are committed to nurturing the IT talents of tomorrow with our comprehensive, job-oriented courses.

Whether you're passionate about Graphic & Motion Design, Full Stack Development, or Flutter App Development, our programs are designed to equip you with the skills demanded by the ever-evolving IT industry. At Career Engine, we believe in practical learning, empowering our students to excel in real-world scenarios.

Join us on your journey to a successful IT career and let us drive your ambitions forward.

OUR
INSTRUCTORS

Jashandeep Singh
Graphic & Animation Designer & Full Stack Developer

JD Web Services

B.Tech Graduate from BFCET, Deon, Bathinda College in 2018

Manav Singh
Web & Mobile App Developer

JD Web Services

B.Tech Graduate from BFCET, Deon, Bathinda College in 2018

Rajat Kumar
Graphic Designer

Esha Kataria
Full Stack Developer

FULL
STACK DEVELOPMENT

1

Program Duration
7 Months

Eligibility
Basic Computer Familiarity

Course Fee
Rs. 2,500 / per month

Class Mode
Online / In-Person

Scholarships
Only for In-Person Students

COURSE
CONTENT

HTML	CSS	JAVASCRIPT
BOOTSTRAP	REACT JS	NODE JS
MONGO DB	RESUME	PORTFOLIO

PROGRAM
CURRICULUM

MONTH 1

Introduction HTML

Basic HTML and Syntax

Style Tag and Text Formatting

Introduction HTML

Comments, Favicon

Page Title, Meta Tags

HTML List and Tables

Forms

MONTH 2

Introduction & Syntax

Basic HTML and Syntax

Background, Color and Images

Border, Margin, Padding

Box Model, Inspect Element

Text Format, Text Color

Alignment, Decoration, Css links

Fonts and PSEUDO Classes

Display Properties, Positions

Z-Index, Overflow, Opacity

Navigation bar, Important Rule

CSS Math Functions

Corners, Multiple Backgrounds

Gradients, 2d, 3d Transform

Transition, Object fit

Responsive Website

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MONTH 3

JS Introduction

Variables, Data Types

Functions, Events

Window Objects, Loops

Conditional Statements

String Methods, Array Methods

Higher Order Array Method

Object Model

Promises, Async/Await

Error Finding (try/catch/throw/finally)

Local/Session Storage

API's, HTTP Methods (GET/POST)

MONTH 4

Bootstrap Introduction

Colours & Typography

Buttons & Button Groups

Utility Classes

Containers

Grid Layout

Navbars

Cards

Accordions

List Groups

Bootstrap Icons, Forms, Modals

Working on Projects

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MONTH 5

React Introduction & Installation

React App Folder Structure

Understanding JSX

Components Import/Export

Styling Components

Props & Prop-types

Creating Movies Website

React Dev Tools | If-Else Statement

Introduction to React Hooks

useEffect Hook Explained

Events in React

React-Router-Dom v6 & Hooks

useRef, useReducer Hook

useEffect & Custom Hook

useMemo ,useCallback

React Loaders & Toastify

Class Based Components, Redux

MONTH 6

Node JS Introduction

Installation and Setup

First Script Program with node js

Fundaments of Node js

Core module in Node js

Nodemon in node js

Make Simple API in Node js

Input from command line

Show file List with file system

Curd with File System

Asynchronous Node js

Handle Asynchronous Data

Express js Introduction

Routing with express js

Render html in node js

Make HTML pages in node js

Middleware,Route Level Middleware

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MONTH7

Route level middleware

Install Mongodb for node

CURD operation with MongoDB

API's

Nodejs Mongoose

CURD Operation with MongoDB & Node

Events and event emitter in node js

PROJECT
PORTFOLIO

ONLINE FOOD ORDER SYSTEM
The Single Restaurant Online Food Order System is a MERN Stack website application that enables users to effortlessly order from a specific restaurant's menu, offering a streamlined and convenient dining experience tailored to a single culinary destination.

AI IMAGE GENERATION
The MERN Stack AI Image Generation project leverages the power of Full Stack web development to create a dynamic platform for generating a wide array of captivating images and designs through artificial intelligence, merging creativity and technology seamlessly.

CHAT APP
It will be a chat app with a lot of cool features like online indicator, uploads/attachments, auto-scrolling and many others.
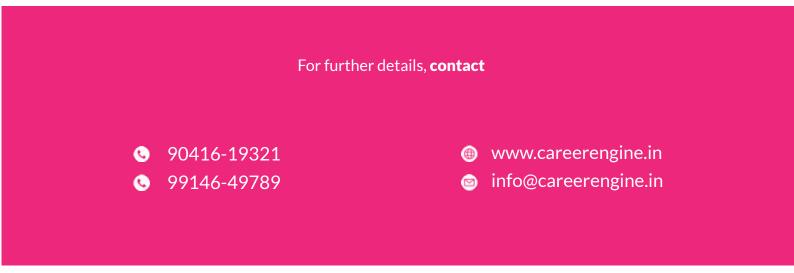
NETFLIX CLONE
Experience the world of Full Stack Development with the MERN stack by building your own Netflix clone - a dynamic and immersive project that encompasses both front-end and back-end development, making you a versatile developer ready to tackle real-world challenges.

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