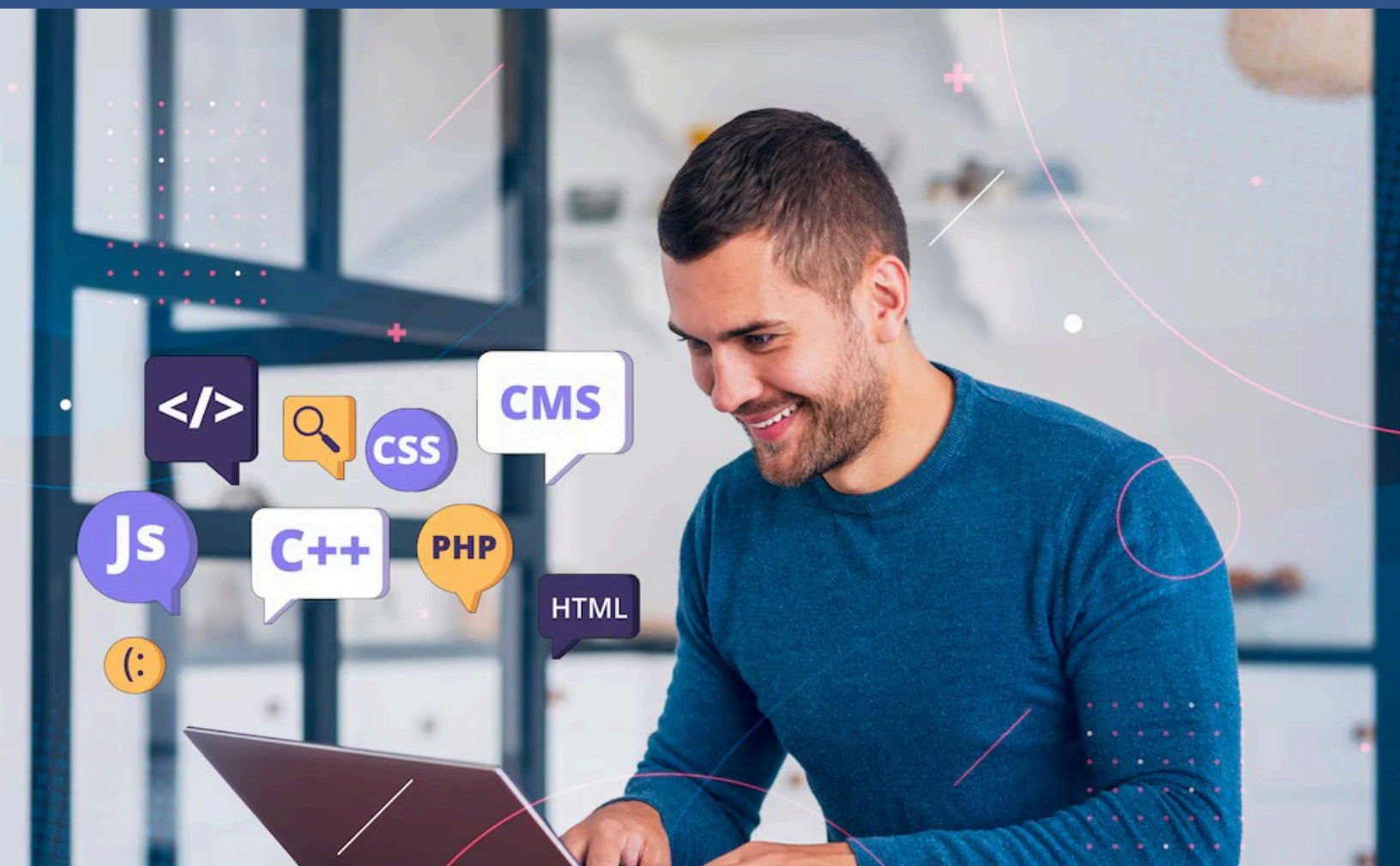# DATA CREW
UNBOX LEARNING EXPERIENCE

Post Graduate Certificate in
Full Stack Development
4 Months | Online/Offline Program

Welcome Message

Welcome to Datacrew, your gateway to excellence in the world of Full Stack Development! We are excited to have you as part of our dynamic community of aspiring developers and technology enthusiasts. At Datacrew, we don't just offer courses; we provide pathways. Pathways to broaden your knowledge, refine your skills, and forge a successful career in the rapidly advancing field of web and software development.

Our mission is to equip you with the expertise, confidence, and practical skills necessary to excel in the ever-evolving landscape of Full Stack Development. Whether you're interested in front-end design, back-end engineering, or mastering both, we're here to guide you every step of the way.

At Datacrew, we take immense pride in being a leader in IT Software Training. In a remarkably short time, we have established ourselves as a premier destination for those looking to shape their future in technology. Our journey is fueled by a commitment to innovation and excellence. We are on a relentless mission to empower learners like you to become industry-ready experts, capable of navigating the diverse domains of web development, mobile app creation, cloud computing, and more.

DATACREW EDUCATION INDIA PVT LTD
INDIA'S LEADING PROFESSIONAL ED-TECH COMPANY

20+
Top Ranked Programs

1000+
Learners

450+
Hiring Partners

10k +
Hours of Learning Delivered

25+
Industry Experts

12.5LPA
Highest Fresher Salary

DATACREW
UNBOX LEARNING EXPERIENCE

Best Ed-tech Platform to Start Your Career with...

PROGRAM DELIVERY
LEARNING PATH

Learn Fundamentals

↓

Full Stack Development

↓

PG Certificate of Proficiency in Full Stack Development

FULLSTACK DEVELOPER

Program Overview: Tailored Learning Pathways
This program offers flexible learning paths, designed to align with the candidate's background and professional goals.
For Freshers:
Candidates who are new to the field or lack prior certification can enroll in our comprehensive PG Certification in Full Stack Development. This 4-month intensive course covers both front-end and back-end development, providing a solid foundation in key technologies such as HTML, CSS, JavaScript, React, Node.js, and more. Students will also receive unlimited interview opportunities until they secure their first placement, ensuring a successful launch into their career as Full Stack Developers.
For Experienced Professionals:
Individuals who have prior experience in the tech industry but wish to enhance their skills or transition into Full Stack Development can also benefit from this course. Our curriculum is designed to deepen your expertise, introduce you to the latest industry tools and practices, and help you stay competitive in a rapidly evolving field. The course offers the flexibility to focus on areas that align with your career aspirations, providing you with the credentials and confidence to take on more advanced roles.

PROGRAM **HIGHLIGHTS**

To empower professionals with essential Full Stack Development skills, Datacrew Education has designed a comprehensive 4-month Post Graduate Certification in Full Stack Development. This program provides participants with a deep understanding of both front-end and back-end technologies, covering the full spectrum of web development. The curriculum emphasizes practical, industry-relevant skills in key areas such as HTML, CSS, JavaScript, React, Node.js, databases, and more. By focusing on hands-on experience and real-world projects, this program ensures that participants are well-prepared to excel in the tech industry and become job-ready upon completion.

4-Months Program

112 Tech hrs + Soft Skills 48 hrs of total training

Unlimited Interviews till first Placement

PG Certificate from IBM & Microsoft

WHO IS **THIS PROGRAM FOR?**

⭐ Technology professionals who aspire to join full-stack development teams.

⭐ Professionals seeking to develop a unique skill set in both front-end and back-end development.

⭐ Individuals who want to become experts in designing and implementing scalable web applications and software systems.

⭐ Technology leaders and managers aiming to lead full-stack development projects within their organizations.

⭐ Early-career professionals looking to build robust web development and programming skills.

AFTER THIS PROGRAM, **YOU WILL**

⭐ Become a technology expert capable of designing and implementing scalable technical architectures and software systems for web development.

⭐ Perform the role of a full-stack developer, proficient in both front-end and back-end technologies.

⭐ Qualify for roles such as Full Stack Developer, Web Developer, Software Engineer, Front-end Developer, Back-end Developer, Technical Systems Architect, and more.

⭐ Gain practical, industry-relevant skills that will make you job-ready and competitive in the full-stack development job market.

CAREER JOURNEY @ DATACREW

Web Portfolio

Our students are trained to build web portfolios to showcase relevant skills, projects, videos, etc.

Resume Preparation

We make you interview ready by helping you choose the most relevant details to be added in every section of your resume

Mock Interviews

Mock interviews are conducted to familiarise students with the actual interview. They are asked technical & HR questions frequently asked by recruiters

Industry Projects

15+ industry projects mtoake you ready for your dream job

Intensive Practical Sessions

80 practical: 20 theory approach gives you an exposure to real world IT projects & case studies before course completion

3 A Rule

Follow Our 3A Rule Mandatory for students to follow Attendance, Assessment and Assignment model with a minimum 90% score in each

COURSE CURRICULUM
FULL STACK DEVELOPMENT

Module 1

HTML

- Introduction to HTML
- Browsers and HTML
- Different Versions of HTML
- Editors: Offline and Online
- Tags, Attributes, and Elements
- Doctype Element
- Comments
- Headings, Paragraphs, and Text Formatting
- Lists and Links
- Images and Tables
- Forms and Actions
- Introduction to Meta Keywords and Descriptions

Module 2

CSS

- Introduction to CSS
- Applying CSS to HTML
- Ways to Integrate CSS into HTML Files
- Selectors, Properties, and Values
- CSS Colors and Backgrounds
- CSS Box Model
- CSS Margins, Padding, and Borders
- Gridding System in CSS
- CSS Text and Font Properties
- CSS General Topics
- Introduction to Bootstrap and Its Latest Version

Module 3

JavaScript

- Introduction to JavaScript
- Applying JavaScript (Internal and External)
- Understanding JS Syntax
- Introduction to Document and Window Objects
- Variables and Operators
- Data Types and Type Conversion
- Math and String Manipulation
- Date and Time
- Conditional Statements
- Switch Case
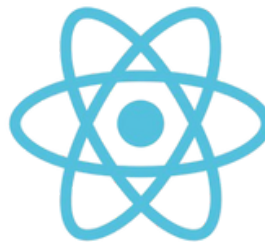- Looping in JavaScript
- Functions
- Objects and Arrays

Module 4

React JS

- Introduction to React
- Templating using JSX
- Components, State, and Props
- Lifecycle of Components
- Rendering Lists and Portals
- Error Handling in React
- React Routers
- Redux and Redux Saga
- Immutable.js
- Server-Side Rendering
- Working with Forms in React
- Routing with React Router
- Redux Middleware
- Unit Testing
- Webpack
- Introduction to TypeScript Framework

Node.js

- Node.js Overview
- Node.js Basics and Setup
- Node.js Console
- Node.js Command Utilities
- Node.js Modules
- Node.js Concepts
- Node.js Events
- Node.js with Express.js
- Node.js Database Access
- Building RESTful APIs
- Using Postman for API Testing

NoSQL Database (MongoDB)

- SQL and NoSQL Concepts
- Setting Up MongoDB on Local and Live Servers
- Creating and Managing MongoDB Databases
- Data Migration into MongoDB
- MongoDB with Node.js
- Working with Unstructured Databases
- File System Streams and Events in HTTP
- Services Offered by MongoDB

RESTful API

- REST API Constraints
- REST Security Principles
- HTTP Methods
- Testing APIs

Module 8

Python

- Python Installation & Configuration
- Developing a Python Application
- Connecting MongoDB with Python

Module 9

Angular

- Angular Installation & Configuration
- Developing an Angular Application
- Connecting MongoDB with Angular

Module 10

Java

- Java Installation & Configuration
- Core Concepts of Java
- Using Java with React JS to Build Applications
- Microservices and Spring Boot Concepts

Module 11

.NET Framework

- .NET Installation & Configuration
- Integrating C# with ASP.NET
- Core Concepts of C#
- Building a Small Application using ASP.NET with C#.NET

FULL STACK DEV

| FRONT-END DEV | BACK-END DEV | DATABASES | DEVOPS | MOBILE APP DEV |

FACULTY & ACADEMIC ADVISORS*

Mr. Chirag Mahajan

Full Stack Web Developer - Faculty Head - Mentorship 8+ years

Chirag Mahajan is a seasoned software engineer and web development tutor with over 8 years of experience. His expertise includes object-oriented PHP, MVC, design patterns, HTML5, CSS3, JavaScript, AJAX, and database management with SQL and MySQL. Chirag focuses on empowering students to master both front-end and back-end technologies, ensuring they are well-versed in integrating modern cloud-based services. He also has a proven track record in Search Engine Optimization and Marketing (SEO/SEM), equipping students with the skills to excel in the dynamic field of web development.

Ms. Umaiya Khalid

Sr. Mentor Softs skills

Umaiya Khalid is performance -oriented, and dedicated to maintaining agility, responsiveness, and efficiency in any given field. Successful history in bringing in top-notch clients & and staff. Improving operational strategies and boosting team performance. An articulate and encouraging leader with a decisive nature and forward-thinking approach. Offers expertise in Soft skills, People Management Advertising, Marketing, and Events

CERTIFICATE

DATA CREW
UNBOX LEARNING EXPERIENCE

Certificate of Achievement

Nikita Jangid

Has Successfully Secured **PG Certification in Full Stack Development** At Datacrew Education India Pvt. Ltd with Excellent Performance

Between 01/06/2023 to 05/01/2024

AWARD

DATACREW EDUCATION INDIA PRIVATE LIMITED

Supriya Jadhav
Co-Founder | CTO   DIRECTOR

Issued Date : 30/01/2024

Datacrew
CAREER SUPPORT

All program participants will receive career support through Datacrew Ed-Tech

Unlimited Interviews till first Placement

We regularly host career fairs across major cities, offering our students unlimited opportunities to interview with top industry leaders. At our recent fair, esteemed hiring partners such as PwC, Tech Mahindra, Myntra, TheMathCompany, Lenovo, and V-Guard conducted over 300 interviews, ensuring that our students are on the fast track to their first placement.

Personal Career Coach

Get access to career mentoring depending upon your experience in the industry with a personal career coach. The coaches are either industry experts or have transitioned to technology teams, so candidates benefit from their guidance on how to build a career in the industry.

e-Portfolio & Resume Building Sessions

An e-portfolio is a snapshot of all the projects done and skills acquired during the program that is shareable across social media channels. We also help you build your resume to highlight your technology skill-set along with your previous professional experience.

Job Board

The program provides candidates access to the Datacrew Job Board. 50+ organizations approach us with job opportunities which are shared through the Job Board with our candidates. We've seen over 500+ alumni transition to the careers of their choice, with an average salary hike of 48%.

COMPANIES THAT HIRE FROM
DATACREW ED-TECH

V·GUARD

CommonwealthBank

trinityIoT
Bundled IoT Solutions

wipro

JOCKEY

Myntra

ad
ABSOLUTDATA

HCL

OYO

(expleo)

Liases Foras
Real Estate Rating & Research Pvt. Ltd.

NTT DATA

DATA ENTREGA

Fullerton India

Lenovo

KPMG

Indian Eagle

Justdial

DS GROUP
Dharampal Satyapal Group

DXC
TECHNOLOG

OLA ELECTRIC

Infosys

Capgemini

TEKsystems

firstcry.com

GeBBS
HEALTHCARE SOLUTIONS
Forward Thinking

cognizant

ICICI Bank

InfoCepts
STAY MODERN

IDFC FIRST Bank

accenture

pwc

Godrej

genpact

BSE
EXPERIENCE THE NEW

tcs
TATA CONSULTANCY SERVICES

Thyrocare
Tests you can trust

Deloitte.

AND MANY MORE...

Start Learning today

Post Graduate Certificate in
Full Stack Development

DATA CREW
UNBOX LEARNING EXPERIENCE

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