

*Ignite the Flame of Education*

# Smart Developer Program

## Engage in Web Development Mastery

**Duration: 4 Months | Mode: Online | Level: Beginner to Advanced**  
**Powered by [CodeEmy!](#)**

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# Scope of Web Development



**25-30 million**  
jobs by 2025



**\$150 billion**  
industry in India by 2025



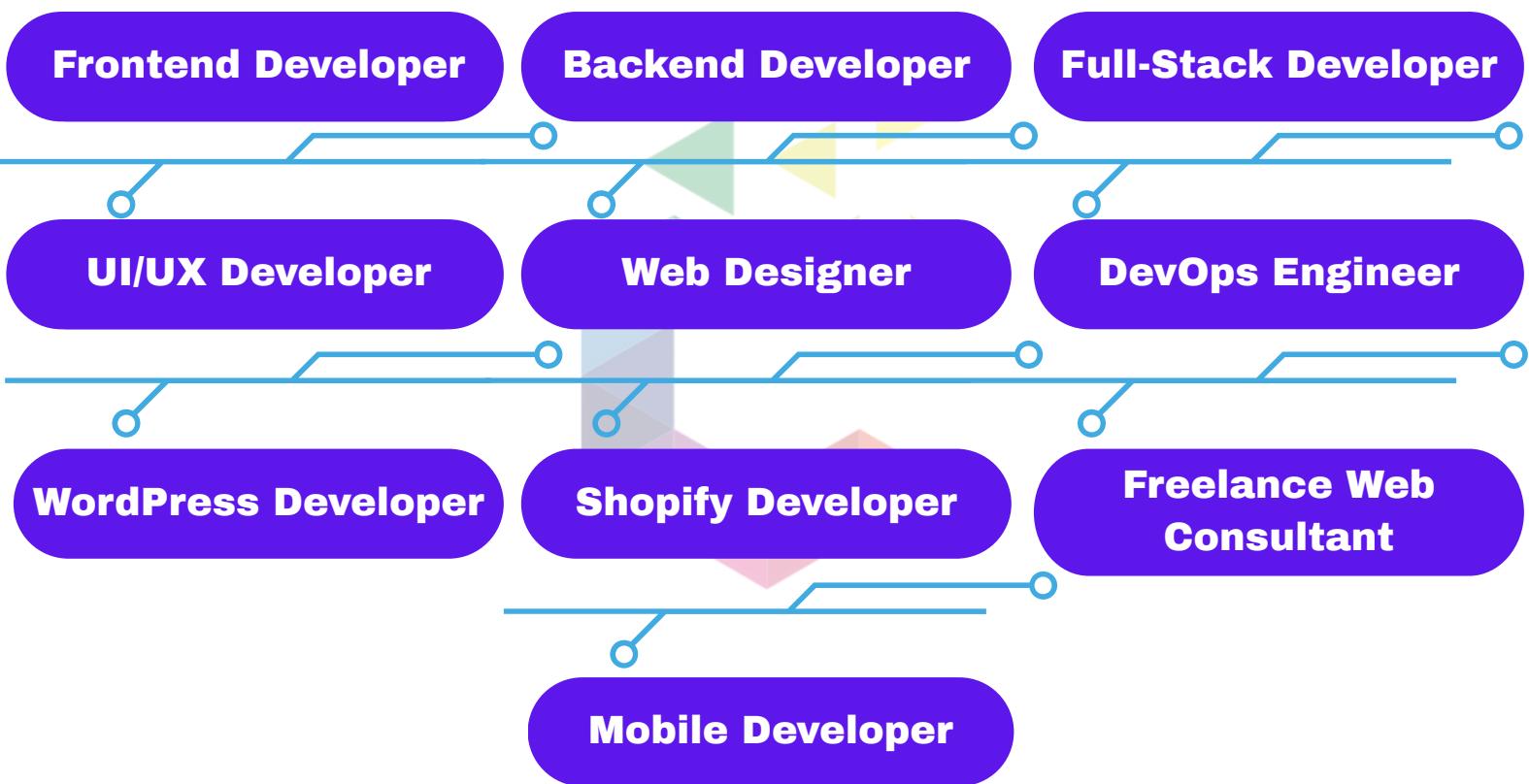
**24000 +**  
Indian businesses are  
actively present on LinkedIn



**78% CFOs**  
are set to spend more on  
Web Development

# Here is all the **Career Fields** you can excel at

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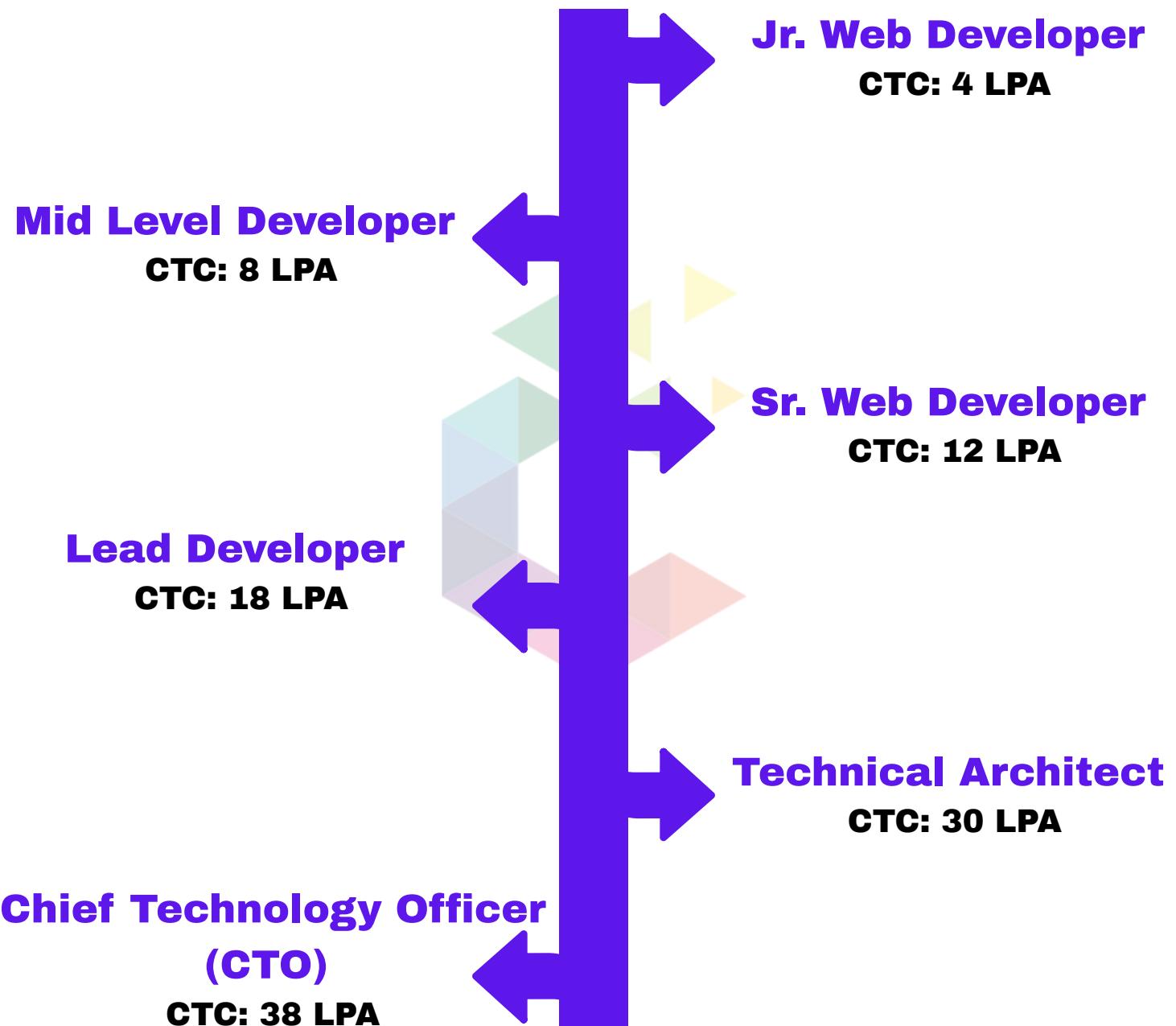


# CAREERS



# Here is how your **Career Trajectory** will look like

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# Why **CodeEmy** is Unique ?

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Category	CodeEmy	UpGrad	SimpliLearn	Edureka	IIDE
Live Classes	✓	✓	✓	✓	✓
Placement Assistance	✓	✓	✗	✗	✓
Interview Training	✓	✓	✗	✗	✓
LinkedIn Profile & Resume Building	✓	✗	✗	✗	✗
Earn While your Learn	✓	✗	✗	✗	✗
Freelancing	✓	✗	✗	✗	✗
Campus Leader board across the college	✓	✓	✓	✗	✗
Lifetime Access to content	✓	✗	✗	✓	✓
Offline Project Fest (Every 3 Month once)	✓	✗	✗	✗	✗
Course Duration	3 - 4 Months	7-11 Months	5 Months	5 Weeks	4-5 Months
Price	₹15,000	₹ 1,05,000	₹ 1,00,000	₹ 20,000	₹ 72,000

⚠ **Disclaimer:**

The names of other companies mentioned here are used solely for comparison purposes to highlight the unique features of our offerings. We do not intend to misuse, defame, or misrepresent any organization in any way. There is no affiliation or endorsement implied. Our intent is purely informational and respectful.

# UNIQUENESS

### Week 1

- Introduction to Web Development
- HTML5 Structure & Tags
- CSS3 Styling, Colors, Fonts
- CSS Box Model, Positioning
- **Project:** Personal Portfolio Page

### Week 2

- Flexbox & CSS Grid
- Media Queries for Responsive Design
- CSS Animations & Transitions
- Introduction to Tailwind CSS
- **Project:** Responsive Landing Page

### Week 3

- JavaScript Syntax & Variables
- Functions, Arrays, Objects
- DOM Manipulation & Event Handling
- Form Validation with JavaScript
- **Project:** Interactive To-Do App

### Week 4

- ES6 Features (let, const, arrow functions)
- Template Literals, Spread & Rest Operators
- Fetch API & Promises
- Async/Await Concepts
- **Project:** Weather App using API



## Week 5

- Introduction to React & JSX
- Components, Props, and State
- Handling Events in React
- React Forms & Controlled Components
- **Project:** React-based Calculator

## Week 6

- React Hooks (`useState`, `useEffect`)
- Conditional Rendering & Lists
- React Router for Navigation
- UI Styling with Bootstrap & Tailwind
- **Project:** React Blog App

## Week 7

- Introduction to Node.js & NPM
- Creating Servers with Express.js
- Middleware & Routing in Express
- Working with REST API
- **Project:** REST API for To-Do App

## Week 8

- Introduction to MongoDB & Mongoose
- CRUD Operations (Create, Read, Update, Delete)
- Schema & Models in Mongoose
- Connecting Node.js with MongoDB
- **Project:** Blog API with Database



## Week 9

- User Authentication (JWT & Bcrypt)
- Authorization & Role-Based Access
- Session Management
- Securing API Endpoints
- **Project:** Secure Login System

## Week 10

- Connecting Frontend (React) with Backend (Node.js)
- Fetching & Displaying Data from API
- State Management with Redux or Context API
- Handling Errors & Loading States
- **Project:** Full Stack Blog Application

## Week 11

- Deployment on Vercel, Netlify, or Render
- Environment Variables & Production Setup
- Introduction to AWS Basics for Hosting
- Version Control with Git & GitHub
- **Project:** Deploy Full Stack App

## Week 12

### Major Project:

- Full-Stack E-Commerce Website (OR)
- Social Media App with Authentication
- Resume Building & GitHub Portfolio Setup
- Interview Preparation & Career Guidance



## Hands - On Projects

### Mini Projects (Beginner to Intermediate Level)

- **Interactive To-Do List App**
  - **Skills Used:** HTML, CSS, JavaScript, DOM Manipulation
  - **Goal:** Learn dynamic user interactions and data handling in-browser
- **Weather Forecast App**
  - **Skills Used:** React.js, REST API, Axios
  - **Goal:** Practice React components and API integration
- **Movie Search App**
  - **Skills Used:** React.js, useEffect, API, Conditional Rendering
  - **Goal:** Build UI with real-time search using functional React

### Major Projects (Advanced Level)

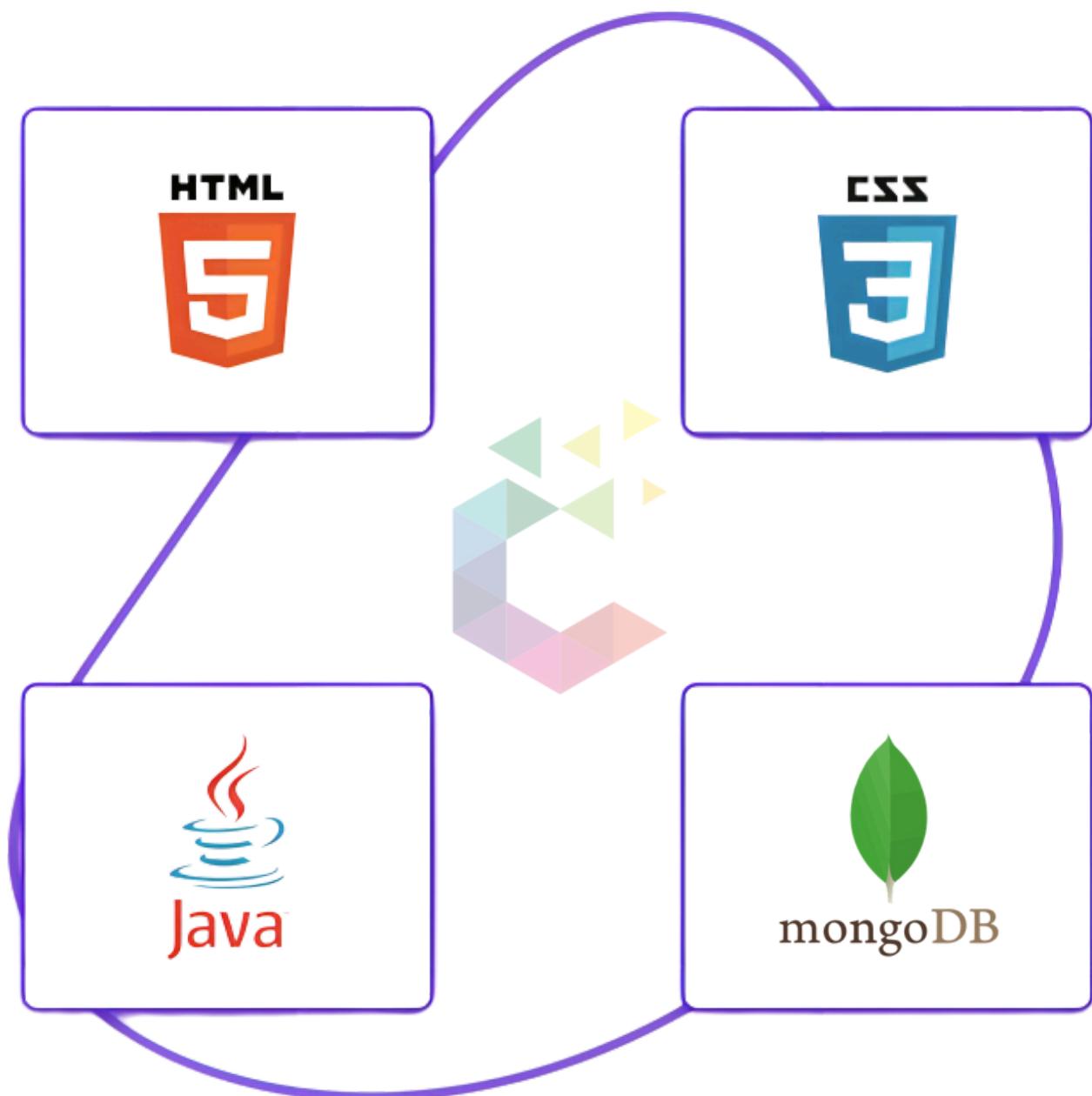
- **Blog Management System (MERN Stack)**
  - **Skills Used:** MongoDB, Express.js, React.js, Node.js (MERN)
  - **Goal:** Full CRUD, REST API, authentication with JWT
- **E-Commerce Dashboard (Admin Panel)**
  - **Skills Used:** React.js, REST API, Axios
  - **Goal:** Admin-side dashboard with protected routes and analytics
- **Social Media Profile App**
  - **Skills Used:** MERN Stack + JWT + Cloud Storage
  - **Goal:** Real-world app with user-generated content and interaction



# Tools

## You will learn

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# Showcase

## your learning journey

### Certificate of Completion from CODEEMY



### Certificate of Internship from CODEEMY



**Approved by:**



### Contact Us

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