ZEPCODE

FULL STACK WEB DEVELOPMENT BOOTCAMP

CAREER TRACK

Get Certified!
Get Hired!

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Tech Career with MERN Stack Mastery

Start your software development journey with our Fullstack Web Development Career Track. This program will teach you both Frontend and Backend concepts. Learn **MERN Stack** and modern web technologies to become a skilled Fullstack Developer. Gain practical skills in React, Node, Express, Mongo, AWS, Nginx, Jira, Linux, and Git to excel in any software team. Join us and kickstart your career in tech.

- **6** Months program
- **2** capstone projects
- **25+** Mentors
- **100+** Students
- **600+** hours of learning content
- **100+** hiring partners

Why Full Stack Web Development ?

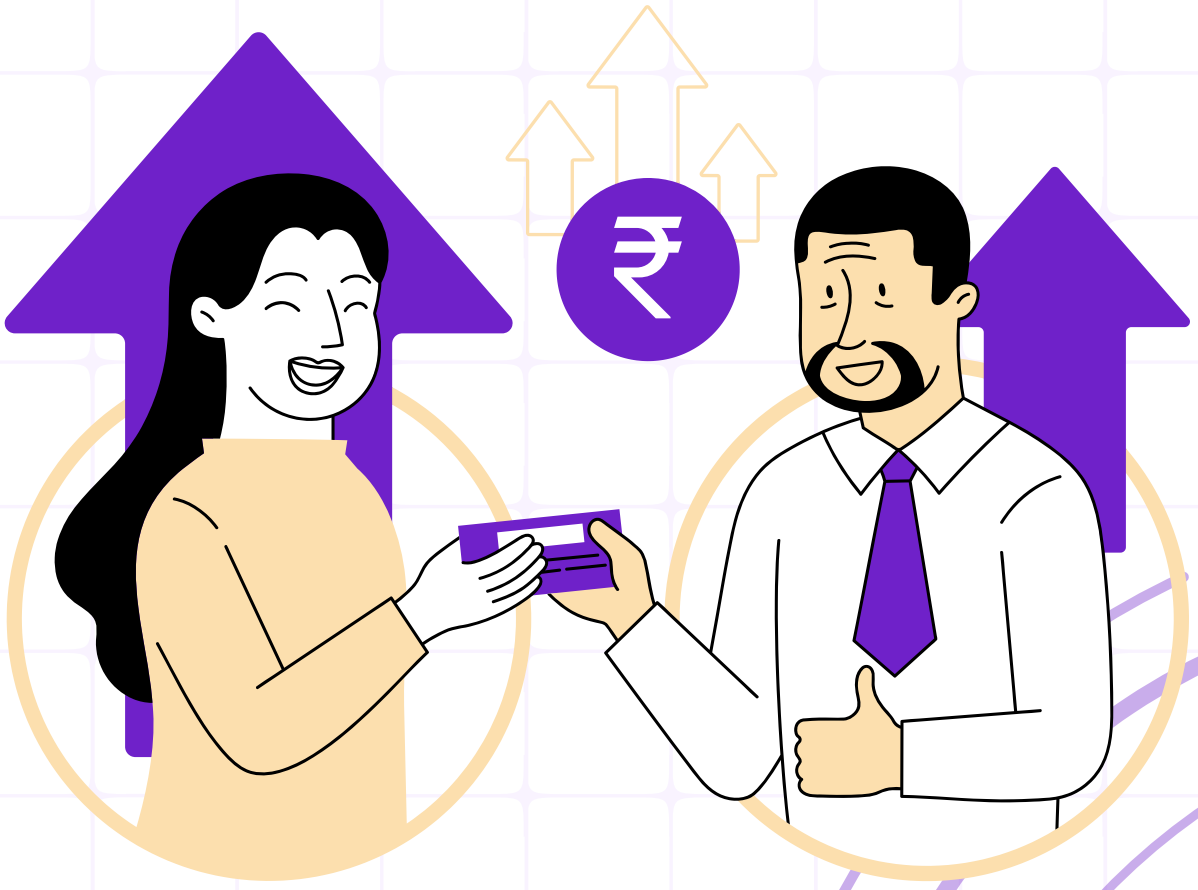
The need for Full Stack developers is growing fast, thanks to the digital changes happening everywhere. Companies are investing more in their online systems, so they need skilled people who can build both the Frontend and Backend parts of websites and apps. As businesses aim to keep up with the digital world, the demand for Full Stack Developers is going up like never before.

22%

Increase in Job postings between 2020-2024

3-4 LPA

Average Starting Salary



Key features of the Track

Industry Aligned Curriculum

Curriculum designed by graduates of IIT & working professionals from oracle , google , paytm , flipkart , amazon.

Learn Face to Face from the Masters of Industry

100+ face to face classes delivered by industry experts from oracle , google , paytm , flipkart , amazon.

Swiggy | Adobe | Google | Facebook | LinkedIn

Industry Grade Projects

Build a strong github profile & resume with real life projects

Placement Assistance

Build a strong profile, undergo mock interviews and get connected with our partner companies.

100+ Partner Companies

Get hired among our 100+ partner hiring companies.

1 Year Alumni Support

Get an extended 1 year alumni support and get access to exclusive job opportunities

How our program is different from others?

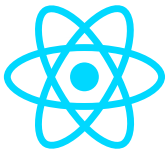
Discover our Full Stack (**MERN**) web development through Zepcode. Learn by doing real projects and joining On-campus Classes in a real working environment with experts. Our program is approved by Leading Industry Experts and we'll help you land a job too.

Features	Zepcode Bootcamp	Pay after placement Course	Online Course
Affordability	✅ 💰	❌ 💰💰💰	❌ 💰💰
Efforts/Week	✅ 40 Hours	❌ 20 hours	❌ 12-15 hours
Duration	✅ 6 Months	❌ 10-12 months	❌ 12-18 months
Extended Placement Support*	✅ 1 Year	❌ No	❌ No
Classes Conducted by	✅ Industry Experts (Avg Exp. > 5yrs)	❌ In house Teachrs (Avg Exp. > 2yrs)	❌ In house Teachrs (Avg Exp. > 2yrs)
Curriculum	✅ Industry aligned	❌ Industry aligned	❌ Industry aligned
Placement Support	✅ Active	❌ Active	❌ Active
Final Note	✅ Get your dream job	❌ High investment	❌ Just a Diploma

Tools and Technologies Covered

Mongo DB

Express



React

Node JS

Rest API

Postman

AWS

JIRA

Github

PostgreSQL

Industry Grade Projects

E-Commerce

Get ready to learn how to build real e-commerce projects with our training. Our expert instructors will guide you through each step, giving you hands-on experience and practical skills. By the end, you'll be able to create successful online stores that meet modern consumer needs.

Chat Application

We make you learn how to develop chat applications from scratch. Our training provide practical, hands-on experience, guiding you through each step of the process. By the end, you'll have the skills and confidence to create fully functional chat applications that meet the demands of today's communication landscape.

Placement Process

1

Build Your Portfolio

We will help you to make your portfolio, also gain hands-on experience and showcase your skills in Full Stack development.

2

Nail the Interview

Get ready to ace your interviews. Learn valuable strategies and tips to confidently tackle tech interviews.

3

Get a Job

Our program helps you learn what you need to succeed in the tech world. We'll help you with your resume and teach you how to do well in interviews.

Extended Alumni Support

1K+ Alumni Network

1 Yr Alumni Support

1 Year Alumni Assistance Program

Secure your future with our "1-Year Alumni Assistance" program at Zepcode.

- This program ensures continuous career growth post-placement.
- Connect with Zepcode alumni to expand your professional network and receive support in securing new job opportunities.

Companies who hire from us

Explore job opportunities with companies that hire graduates from our program, and kickstart your career today.

Razorpay
shadowfax We Deliver
AXIS BANK
accenture
CAMPK12
SWIGGY
zomato
kaleyra
Flipkart
EXL
citibank
virtusa
Microsoft
amazon
mamaearth
Mu Sigma
Deloitte.
ZS
PROPERTYPISTOL.com
Accionlabs
Affine
GIVA
udaan
rapido BIKE TAXI
RIVIGO

And 100+ More Partner Companies

Alumni Success Stories

Kapil Chaudhary

Dexbean Technologies

The fullstack development program at Zepcode was amazing! I learned a lot from real World projects and live classes with experts. It gave me the skills and confidence to start my career in tech. I highly recommend it.

Vaishali Rana

SISL Infotech Pvt. Ltd.

I loved the fullstack development program at Zepcode! Learning by doing real World projects and getting job placement was really helpful.

Shubham

Website Tool Box India

Enrolling in Zepcode's fullstack development program was one of the best decisions I've made. The program's practical approach and focus on real-world projects gave me the confidence to apply for web development roles.

Chanderkant

Onetick Technologies

This program is awesome! The lessons are easy to follow, and the teachers really know their stuff. They're always there to help you out when you need it. Plus, the help they gave me for finding a job is just the cherry on top.

Our Industry Experts

Gautam Joshi
Sifar
Exp: 25 Years

Shankar Dayal
Adobe
Exp: 20 Years

Amit kumar
Co-Founder and Director at Sigma Power Tech Pvt. Ltd.
Exp: 10 Years

Durgesh Pal
Sopra Steria
Exp: 10 Years

BINIT KUMAR
Smart Brains
Exp: 13 Years

Lalit Verma
Oracle Corporation , USA
Exp: 25 Years

Chandan Pandit
Expedia
Exp: 11 Years

Dinesh Sharma
Onetick Technologies
Exp: 11 Years

Shahkar Ahmed
Onetick Technologies
Exp: 10 Years

Garima Sharma
EY
Exp: 10 Years

Detailed Syllabus

Javascript Fundamental Concept

Master JavaScript Fundamentals to Enhance Problem-Solving and Web Development Skills.

1. Introduction to JavaScript
2. Variables, data types, and operators
3. Control flow (if statements, loops, switch statements)
4. Functions and scope
5. Arrays and array methods
6. Objects and object-oriented programming concepts
7. Error handling (try...catch)
8. Asynchronous JavaScript and the event loop
9. Callbacks and higher-order functions
10. Promises and async/await for handling asynchronous operations
11. Modules and module loaders (CommonJS, ES6 Modules)
12. Understanding the DOM (Document Object Model)
13. Manipulating the DOM with JavaScript
14. Event handling
15. Form validation and manipulation

16. Local storage and session storage

17. Fetch API for making HTTP requests

18. Browser compatibility and polyfills

19. Working with JSON data

20. Debugging JavaScript code (browser developer tools, console.log()

21. Testing JavaScript code (unit tests, integration tests, etc.)

Advanced Javascript Concepts

Boost Your Web Development Skills with Advanced JavaScript Concepts for Better Problem-Solving.

1. Prototypes and inheritance

2. Advanced array methods (map, reduce, filter)

3. Closures and lexical scope

4. Function currying and partial application

5. Memorization and performance optimization techniques

6. Functional programming concepts

7. Design patterns in JavaScript

8. Understanding this keyword and context binding

9. Memory management and garbage collection

10. Web Workers for concurrent processing
11. Promises chaining and error handling strategies

Express.js

Master Express.js Fundamentals to Enhance Problem-Solving and Web Development Skills.

1. Introduction to Express.js framework
2. Setting up an Express.js project
3. Routing and middleware concepts
4. Handling HTTP requests and responses
5. Template engines (e.g., Handlebars, EJS)
6. Error handling and debugging
7. RESTful API development
8. Authentication and authorization
9. Working with static files
10. Using third-party middleware
11. Express.js generators and scaffolding tools
12. Security considerations
13. Deployment strategies

React.js

Boost Your Web Development Abilities with React.js Fundamentals for Improved Problem-Solving.

1. Introduction to React.js and its core concepts
2. JSX syntax and component-based architecture
3. Setting up a React.js project
4. State and props management
5. Handling events and forms
6. React Router for client-side routing
7. Working with hooks (useState, useEffect, etc.)
8. Context API for state management
9. Component composition and reusability
10. Handling HTTP requests with Axios or Fetch API
11. Forms validation
12. Styling React applications (CSS, CSS-in-JS, Styled Components)
13. State management libraries like Redux or MobX (optional)
14. Testing React components
15. Performance optimization techniques

Node.js

Strengthen your problem-solving and web development skills with Node.js fundamentals mastery.

1. Introduction to Node.js and asynchronous programming
2. Setting up a Node.js project
3. Node.js modules and package management (npm/yarn)
4. File system operations
5. Working with streams and buffers
6. Events and event-driven architecture
7. HTTP module and creating web servers
8. RESTful API development with Express.js
9. Working with databases (MongoDB, MySQL, etc.)
10. Authentication and authorization with JWT
11. Error handling and debugging
12. Asynchronous control flow (callbacks, Promises, async/await)
13. Child processes and cluster module for scaling
14. Security best practices
15. Deployment strategies and hosting options

MongoDB

Explore MongoDB and Simplifying Data Management with Flexibility and Scalability.

1. Introduction to NoSQL databases
2. Understanding MongoDB and its features
3. Installation and setup
4. CRUD operations (Create, Read, Update, Delete)
5. Data modeling and schema design
6. Indexing and query optimization
7. Aggregation framework
8. Working with BSON data types
9. MongoDB Atlas - cloud database service
10. Data replication and sharding
11. Security best practices
12. Backup and restoration techniques
13. Real-world use cases and examples

Advanced System Design

Advance Your Skills in System Design to Create Strong Architectures for Scalable Solutions.

1. AWS(EC2)
2. Nginx

3. Load balancing

4. Api gateways

4. Scalable Architechture

Mastering Git

Become a Git guru, mastering everything from basic commits to advanced techniques for teamwork and collaboration on GitHub.

1. Introduction to Git
2. Git Basics
3. Branching in Git
4. Merging with Git
5. Git Stashing
6. Git Resetting
7. Team Collaboration with Git and GitHub
8. Advanced Git Techniques

Key Information

WEEKLY COMMITMENT

40 hours per week

ANY PRE-REQUISITES?

- No prior coding experience required
- A Laptop or Desktop with a good internet connection

MINIMUM System SPECIFICATIONS

Mac

Processor : Intel i5 or above
Ram : 8 GB or above OS
version : MacOS 12 or above

Windows

Processor : Intel i3 or above
Ram : 4 GB or above OS
version : Windows 10 or above

Who is this Career track for

	Students	Graduates	Working Professionals
Technical Background	✓	✓	✓
Non - Technical Background	✓	✓	✓

Reach Us At

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