

10000 C{ }DERS

Right path for a Bright Career.

CURRICULUM



3 MONTHS CURRICULUM

MONTH 1 : FOUNDATIONS

(Duration : 30 days)

- HTML
- CSS
- Git
- Bootstrap
- Communication Sessions

Mini Project : HTML/CSS Project and Deployment

Mock Interview 1 : HTML/CSS/Git/Bootstrap

MONTH 2 : JAVASCRIPT MASTERY

(Duration : 30 days)

- Javascript Classes
- SQL and Problem Solving Classes

Mini Project : 2 Different JavaScript Projects

Mock Interview 2 : Javascript

MONTH 3 : ADVANCED WEB DEVELOPMENT

(Duration : 30 days)

- React JS
- Redux
- Aptitude

Mini Project : HTML, CSS, JS, React, Redux

Mock Interview 3 : Overall Assessment



AFTER COMPLETING 3 MONTHS OF TRAINING

After scoring 50% in your overall mock interview

Choose a Path

Internship with real-time project

If you want to get a taste of the corporate world than this is the path for you. You will :

- Get real-time exposure to the project development environment in a corporate environment
- Learn how to collaborate with a team
- Get a real-world project to showcase in your resume

OR

Back-end Web Development

If you want dive deep into app and web development then this is the path for you.

Here you can learn Back-end Web Development by choosing one of the following technology :

ExpressJS NodeJS OR Python Django

Placement

Placement

- Students are expected to complete 2-8 mocks to successfully pass the round, as it is a key requirement for placements, without becoming demotivated.
- The decision will be made by the training and support team.
- The more mocks you take, the better you become.
- Don't be disheartened if the program manager asks you to attend frequent mocks; it's a common part of the preparation process to refine your skills and prepare you for interviews.
- Irregularity and missing daily tasks in training are major drawbacks.

FOR FULL-STACK ENTHUSIASTS:

We offer exclusive lectures on Node.js, Express.js, Python, and Django. This program focuses on guiding candidates toward advanced full-stack learning with these technologies, enhancing their prospects in the job market.

Eligibility

- 90% attendance in course
- Strong researching skills, problem solving skills
- 50% clearance in mock interview feedback.

HOW TO BE SUCCESSFUL

Question Yourself

When learning, ask yourself lots of questions and explore deeply.

For example, when you learn a tag, question why it's utilized, where its common applications lie, how it functions in real-time, and seek concrete examples for a deeper understanding

Stay Curious

Enjoy challenges, find interest in projects, and always have a desire to learn.

Coding is a Skill

Remember, coding is about understanding, not just memorizing. Practice it; the more you do, the better you get at it.

For example: cricket, cooking, and solving a detective case.

Debugging is Part of Coding

Coding is 20% about actual coding and 80% about debugging (solving bugs).

Example: Debugging is similar to a detective solving a case; thus, the curious "why" is of utmost importance.

HOW TO BE SUCCESSFUL

Research and Creativity

Research Well

It's crucial to note that the trainer covers only 40% of the content, as per company standards. The remaining 60% is equally important and might be asked in interviews. After every class, make sure to research a few topics around what the trainer has covered.

How to research?

Search with appropriate keywords in Google, look into official documents, stay updated, and make smart decisions. Play around with code; don't memorize it. The support trainer will help you achieve it; just try to be a bit patient and trust the support trainer.

Be Creative with Projects

Explore your own ideas or clone projects; work on building the UI part in your first month. Don't just copy what others do.

For example, you can create a clone of your favorite website, such as Facebook, Zomato, LinkedIn, YouTube, etc.

Reading

Students are expected to possess strong reading abilities, which need improvement during the training period. This skill is crucial in the hiring process, and some students may be lagging in this aspect.

HOW TO BE SUCCESSFUL

Online Presence

- **LinkedIn and GitHub**

Create a robust LinkedIn profile and showcase your projects on GitHub to stand out from the crowd. Public learning is key in today's date.

- **Read tech blogs, Medium, and other online development platforms.**
- **Deployment of projects should not be avoided.**

Consistency

Practice every day for at least 6 hours

COMMON MISTAKES TO AVOID

- Do not compare yourself with others; compare yourself day by day to observe improvement.
- Clear any topic-related issues on the same day; don't postpone it. Backlogs should be cleared by the end of the week.
- It's not possible to grasp the subject without practicing for 5-7 hours.
- Understand concepts through practical implementation; avoid memorization.
- Missing classes will lead to confusion, especially in JavaScript and all coding topics; regular attendance is crucial.
- Learn actively; don't simply copy code from ChatGPT. Code reviews in mocks will highlight copied code, so avoid blind copying.
- Utilize ChatGPT and YouTube for improvement and exposure, not just for completing tasks.
- Avoid writing code in your book; instead, play around with it and explore.
- Focus on learning the approach to clear your own doubts with the support trainer's help; don't rush to clear doubts quickly.
- Initiate and come forward if you have any issues; don't wait for someone to ask.
- Peer reviews and peer doubt-solving will provide multiple approaches to problem-solving.

PLACEMENT GUARANTEE PROGRAM REQUIREMENTS

- Attend all classes and utilize resources effectively.
- Clearance of mocks at every stage of the course is mandatory.
- Maintain at least 90% attendance; missing classes can set you back, making it difficult to catch up.
- Students are expected to be available 80% even after classes are completed in the projects and placement phases. Those who maintain a positive attitude, follow feedback, and show improvement have higher chances of getting placed.
- Finish tasks on time to demonstrate commitment. Aim to build at least three projects by the end of training.
- Be interactive in all classes, working on improving communication skills.
- Stay curious and demonstrate interest in learning.
- Complete projects and perform well in mock interviews (above 60%).
- Students who are regular in classes, proficient in communication and confidence, and clear mock interviews, have guaranteed placement opportunities.
- Regarding doubt clearance, while trainers and the support team are available, don't hesitate to reach out to fellow students. Discussing and solving doubts among yourselves not only enhances understanding but also fosters a sense of community and confidence.

Review

After 3 months of course completion, the team will take a review from the students about their experience at 10000 Coders.

FRONT-END DEVELOPMENT

CURRICULUM



HTML (Days 1-7)

During the first week, you'll cover the basics of web development with HTML. The breakdown includes:

- Overview of web development and HTML.
- Setting up a text editor.
- Creating your initial HTML document.
- Text formatting, lists, and links.
- Working with forms, such as text fields and checkboxes.
- Integrating multimedia elements like images and videos.
- Grasping HTML semantics and structure.
- Exploring advanced topics like meta tags, responsive design, and HTML5 features.



GIT (Days 8 -10)

Over 3 days, you'll get covered with version control using Git. That includes

- Introduction to version control and Git basics.
- Creating and switching between branches.
- Merging branches and resolving conflicts.
- Collaborating with remote repositories.
- Pushing and pulling changes.
- Forking repositories and creating pull requests.

FRONT-END DEVELOPMENT

CURRICULUM



CSS (Days 11-25)

In 15 days, you'll understand the essentials of styling with CSS. The breakdown is as follows

- Introduction to CSS and basic selectors.
- Understanding the box model and layouts.
- Display properties and positioning.
- Responsive design and media queries.
- In-depth exploration of Flexbox and CSS Grid.
- Transitions, hover effects, and animations.
- Advanced selectors and pseudo-elements.
- Best practices, debugging, and project recap.



BOOTSTRAP (Days 26 - 28)

Over 3 days, you'll dive into Bootstrap for efficient front-end development. Here's what to expect:

- Overview of Bootstrap and its grid system.
- Creating responsive layouts and basic components.
- Building advanced components and customization.
- Integrating Bootstrap JavaScript plugins.
- Project work incorporating JavaScript components.

FRONT-END DEVELOPMENT

CURRICULUM



JAVASCRIPT (Days 31 - 54)

In 24 days, you'll explore the fundamentals of JavaScript. A quick overview includes:

- Introduction to JavaScript, variables, and data types.
- Conditional statements, loops, functions, and scopes.
- Working with strings, arrays, numbers, and dates.
- Understanding events, DOM, BOM, and ES6+ features.
- Asynchronous JavaScript, OOP, and modules.
- Web APIs, AJAX, and testing JavaScript code.
- Culminating in a final project.



REACT (Days 58 - 77)

Over 20 days, you'll delve into React for building interactive user interfaces. Here's a brief overview:

- Introduction to JavaScript in the context of React.
- Setting up React, understanding the folder structure.
- Exploring ES6 features and React components.
- Asynchronous JavaScript and React component lifecycle.
- State management, React hooks, and custom hooks.
- Introduction to Redux, React-Redux, and advanced concepts.
- React Router, dynamic routing, and protected routing.
- Final project integrating various React concepts.

PROBLEM SOLVING

CURRICULUM



FUNDAMENTAL CONCEPTS (Days 1 - 5)

Topics Covered: If-else, switch, loops (for, while, do-while)

Key Activities: Introducing basic control flow structures and coding questions.

Student Engagement: Introductions, code reviews, and encouraging questions for self-research.



TESTING AND EVALUATION (Day 6)

Topics Covered: Test on concepts from the first five days, time complexity, and space complexity.

Key Activities: Evaluating understanding through a comprehensive test.



FUNCTIONS (Day 7)

Topics Covered: Introduction to functions, both with and without return values.

Key Activities: Providing references for programming tests related to the first week.

PROBLEM SOLVING

CURRICULUM



ARRAYS (Day 13)

Topics Covered: Test on concepts related to arrays.

Key Activities: Evaluating understanding through a test on array-related concepts.



STRINGS (Days 14 - 20)

Topics Covered: String indexing, manipulation, conversion between strings and arrays, operations on arrays of strings.

Key Activities: Solving problems related to string manipulation and operations.



FURTHER PRACTICE ON STRINGS (Days 21 - 22)

Key Activities: Continued practice and solving additional problems related to strings.



ONLINE PRACTICE PROBLEMS (Days 23 - 25)

Key Activities: Engaging in discussions on practice problems available online, reinforcing learned concepts

SQL CURRICULUM



INTRODUCTION TO SQL AND DDL COMMANDS: (Day 1)

- Introduction to SQL, understanding its capabilities.
- Types of SQL commands: DDL, DML, DCL, TCL, and DQL.
- DDL Commands: CREATE, DROP, ALTER, TRUNCATE.



DML COMMANDS AND TRANSACTIONS: (Day 2)

- Explanation of DML (Data Manipulation Language).
- DML Commands: INSERT, UPDATE, DELETE.
- DCL (Data Control Language) and TCL (Transaction Control Language)
Commands: GRANT, REVOKE, COMMIT, ROLLBACK, SAVEPOINT.



DQL, WHERE CLAUSE, AND JOINS: (Day 3)

- DQL (Data Query Language) introduction with the SELECT statement.
- Understanding the WHERE Clause and various operators (AND, OR, NOT, NULL values).
- Exploring different types of Joins: Inner Join, Self Join, Outer Join (Left, Right, Full).



ADVANCED QUERYING AND AGGREGATIONS: (Day 4)

- Sub Queries and their applications (ANY, ALL).
- Advanced filtering and grouping techniques: LIKE Operator, % Wildcard, Aliases, IN Operator, BETWEEN Operator, GROUP BY Clause.
- ORDER BY Clause, HAVING Clause, and Aggregate Functions (COUNT, SUM, AVG, MIN, MAX).

NODEJS CURRICULUM



Day 1-2

Install Node.js, grasp asynchronous programming, and create a basic app.



Day 3-4

Explore Node.js modules, use npm for package management, and publish a simple package.



Day 5-6

Set up Express.js, create routes, and implement middleware



Day 7-8

Connect Node.js with MongoDB, and learn basic CRUD operations.



Day 9

Design RESTful APIs with Express.js and test using tools like Postman.



Day 10

Implement user authentication (Passport.js) and ensure application security.

PYTHON AND DJANGO CURRICULUM



PYTHON FUNDAMENTALS (Day 1 - 3)

- Introduction to Python syntax and data types
- Basic control flow (if statements, loops)
- Functions and basic data structures (lists, dictionaries)



INTERMEDIATE PYTHON (Day 4 - 6)

- Object-oriented programming (OOP) basics
- Advanced Python concepts (decorators, generators)
- More on OOP (inheritance, encapsulation)



DJANGO BASICS (Day 7 - 8)

- Installing Django and setting up a project
- Understanding Django models
- Creating Django views and templates
- Handling URLs and navigation



DJANGO FORMS AND AUTHENTICATION (Day 9 - 11)

- Working with Django forms
- Implementing user authentication in Django
- Combining forms and authentication in a project

PYTHON AND DJANGO CURRICULUM



BUILDING A DJANGO APPLICATION (Day 12 - 14)

- Adding CSS and JavaScript for styling
- Finalizing the Django project
- Testing and debugging
- Deployment and submission of the beginner Django project

OUR SUCCESS STORIES

These students got start to their successful career after following 10000' coders training path



Sai Krishna

Mech Engg, 2023

Full Stack Developer

Mckinley & Rice, ₹ 7.5 L

"Structured approach, mentorship, and hands-on projects helped me to my dream job as a Developer"



Gopika

Chem Engg , 2023

Front-End Developer

DataSpeaks, ₹ 3 L

"10000 Coders job support made all the difference, no matter what I studied before"



Gonapa sriya

ECE, 2023

Software Associate

Tech Mahindra, ₹ 3.6 L

" I fulfilled mom's dream of becoming a software engineer."



Nikhila

ECE , 2023

Front-End Developer

Stic Soft Solutions, ₹ 3.5 L

"ECE to UI/UX : 10000 Coders made it possible. Trust their training, land your dream job."



Balaji

EEE, 2023

Front-End Developer

Stic Soft Solutions, ₹ 3.5 L

"Here, practical learning surpassed college experiences, making it easier to crack interview"



C Haritha

ECE, 2018

Full Stack Developer

Azista, ₹ 3 L

"From Process Executive to developer with 10000 Coders, my dream became a reality"



Harshitha

IT Engg, 2023

Full Stack Developer

Pravel Tech, ₹ 5 L

"Every student receives equal attention and personalized support, setting us up for Success."



Ajay

EEE , 2021

React Developer

KTechProducts, ₹ 2.8 L

"10000 Coders helped me to rewrite my career story with confidence and competence."



Sadvi

EEE, 2023

Software Engineer

Aggne, ₹ 4.5 L

"Their excellent teaching transformed me from a graduate to a confident software developer."



Susmitha

ECE, 2023

Front End Developer

Ext Web App, ₹ 3 L

"Despite my diploma and career gap, 10000 Coders didn't hesitate to support me in my journey"



Sheshu

BCOM, 2020

Intern

Ajackson, ₹ 4 L

"My diploma was just the beginning; they helped me realize that success isn't defined by a degree"

OUR SUCCESS STORIES

These students got start to their successful career after following 10000' coders training path



Srija Reddy

CSE, 2022

Full Stack Developer

Paktolus, ₹ 4 L

" My B-Tech in IT became more than just a degree; it opened doors to job opportunities in IT "



Bhargav

ECE, 2023

Software Engineer

Deepija Telecom, ₹ 1.2 L

"I found direction in front-end development. Their training program equipped me for a fulfilling career!"



Chandana

Civil Engg, 2022

React Developer

MedXperts, ₹ 3 L

"They propelled my career transition with effective training, and dedicated mentorship."



Hemanth Sai

ECE, 2019

Data Engineer

SopeoNow, ₹ 5 L

" I went from job-searching to job-secured, thanks to their exceptional training."



Yadagiri

Diploma EEE, 2017

React Developer

GeekySynergy, ₹ 3.2 L

"10000 Coders: Turning career dreams into reality, no matter the background of the student."



Manikanta

BTech , 2019

React Native Dev

Ex WebTech, ₹ 3 L

"I transformed into a developer with no prior coding knowledge"



Venu Bandi

ECE, 2022

Python Developer

Enter Pi, ₹ 2.8 L

"Their smaller batch sizes and dedicated support paved the way for my success, securing 2 offers"



Ambika

BTech, 2020

Full Stack Developer

Ajackus, ₹ 4 L

"I moved from a QA role to a developer, all thanks to their excellent support and live training."



Pawan

CSE, 23

Programmer Analyst

Bilvantis, ₹ 3 L

" Thanks to them I don't struggle programming and communication skills anymore."



Yaswanth

CSE, 2021

Front-end Developer

Doctorite Inc, ₹ 4.2 L

"Thanks to them I went from teaching to thriving as a React developer."



Purnima

ECE, 2018

Full Stack Developer

Transcent, ₹ 3 L

" My career gap didn't stop me, thanks to their live classes and personalized monitoring"

10000 CODERS

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