



Learn, Excel and Earn

Ultimate FullStack Developer Bootcamp

Transform your career become a < Software Engineer >

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Why Learn to Code?

The Power of Coding in Today's World In the digital age, coding has become an essential skill across industries, not just in tech. Learning to code offers numerous benefits:

Career Opportunities: The tech industry is booming, and coding skills open the door to a wide range of high-paying, in-demand jobs.

Problem Solving: Coding teaches you to think logically and solve problems creatively, skills valuable in any career.

Innovation: Understanding coding allows you to bring your ideas to life, whether it's building a website, creating an app, or starting a tech company.

Flexibility: With coding skills, you can work from anywhere in the world, offering unparalleled work-life balance and freedom.

Empowerment: Coding gives you the power to understand and shape the digital world around you, making you a creator, not just a consumer.

Join us at Codeneur and unlock these opportunities by mastering the art of coding.



Hands-On Experience

Real-world projects that prepare you for tech challenges.



Expert Instructors

Learn from the best in the field.



Job Ready

100% placement guarantee after course completion, plus a 3-month paid internship with a stipend of INR 10,000/month.

How much coding experience do I need?

No prior coding experience? No problem! Our Bootcamp is designed for beginners and those with some coding knowledge alike. We'll teach you everything from the ground up, ensuring you build a strong foundation in FullStack development. For those with some experience, this Bootcamp will sharpen your skills and take you to the next level. Everyone starts somewhere, and we're here to guide you at every step of your coding journey.

Launching your career, not just finding a job

We don't just find you a job; we help you launch a career. Our commitment goes beyond the classroom. With our unique placement program, we ensure that you not only secure a job but also embark on a career path that sees you grow and excel in the tech industry. Through our extensive network of industry connections and personalized career coaching, we're here to see you succeed long-term.

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What sets Codeneur apart?

100% Guaranteed Placement: We've partnered with some amazing international companies to hook you up with exciting work opportunities after completing the course. We've got your back!

AI-Powered Learning: Get ready to harness the power of AI to deliver projects faster and more efficiently. It's like having a super-smart coding sidekick!

100% Refund Guarantee: We're so confident in our program that if things don't work out, we'll give you a full refund. No questions asked. That's how much we believe in you and our course!

Recorded Sessions: Missed a class? No worries! You'll have access to recorded sessions so you can revisit concepts and learn at your own pace.

Monthly Mock Interviews: We'll help you ace those job interviews with regular mock sessions. Confidence is key, and we'll make sure you have plenty of it!

Resume and LinkedIn Profile Enhancement: We'll teach you how to create a resume that stands out and optimize your LinkedIn profile to attract top employers. It's all about making a great first impression!

Professionalism and Ethics: We'll cover essential topics like professionalism and ethics to help you navigate the professional world with integrity. Because being a good coder also means being a good human.



Course syllabus overview

HTML

Introduction to HTML

- Understanding the role of HTML in web development
- Learning the structure and syntax of HTML documents
- Creating well-formed and semantically meaningful HTML pages

HTML Elements and Attributes

- Exploring various HTML elements for structuring content
- Utilizing attributes to enhance the functionality and appearance of elements
- Implementing best practices for accessible and SEO-friendly HTML

HTML Forms

- Building interactive forms for user input and data collection
- Applying form validation techniques for improved user experience
- Enhancing forms with advanced elements and attributes

HTML Multimedia and Graphics

- Embedding images, audio, and video content in web pages
- Creating responsive and optimized multimedia elements
- Exploring HTML5 graphics capabilities with canvas and SVG

CSS

Introduction to CSS

- Understanding the role of CSS in web design and development
- Learning CSS syntax, selectors, and specificity
- Applying CSS styles to HTML elements for visual enhancements

CSS Box Model and Layout

- Mastering the CSS box model for precise element sizing and spacing
- Implementing various layout techniques using CSS positioning and floats
- Creating responsive layouts with media queries and flexible units

CSS Typography and Colors

- Styling text content with CSS properties for typography
- Working with web fonts and icon fonts for enhanced visual appeal
- Applying color theory and color schemes effectively in web design

CSS Animations and Transitions

- Creating engaging user experiences with CSS animations and transitions
- Implementing smooth and interactive effects for user interactions
- Optimizing animations for performance and accessibility

Tailwind CSS

- Introduction to utility-first CSS with Tailwind
- Building responsive and customizable UI components rapidly
- Leveraging Tailwind's extensive class system for efficient styling

Bootstrap

- Understanding the Bootstrap grid system and responsive classes
- Utilizing pre-built Bootstrap components for faster development
- Customizing Bootstrap themes and styles to match project requirements

Git and GitHub

Version Control with Git

- Understanding the importance of version control in software development
- Learning the fundamentals of Git and its common commands
- Collaborating with others using Git branches and merging

GitHub for Collaboration

- Exploring the features and benefits of GitHub
- Creating and managing repositories on GitHub
- Contributing to open-source projects and collaborating with the community

Linux

Introduction to Linux

- Understanding the Linux operating system and its distributions
- Navigating the Linux file system and command-line interface
- Managing files and directories using Linux commands

Linux System Administration

- Managing users and permissions in Linux
- Configuring network settings and services
- Monitoring system performance and troubleshooting issues

JavaScript

JavaScript Fundamentals

- Understanding the role of JavaScript in web development
- Learning JavaScript syntax, data types, and control flow
- Implementing functions, arrays, and objects effectively

DOM Manipulation

- Accessing and manipulating HTML elements using JavaScript
- Handling user events and interactions dynamically
- Creating interactive and dynamic web pages with JavaScript

Asynchronous JavaScript

- Exploring asynchronous programming concepts and techniques

- Utilizing Fetch API for making HTTP requests and handling responses
- Utilizing Axios library for making HTTP requests and handling responses
- Handling promises and async/await for efficient asynchronous operations

JavaScript Best Practices

- Writing clean, maintainable, and efficient JavaScript code
- Implementing error handling and debugging techniques
- Following industry-standard coding conventions and documentation practices

React.js

Introduction to React

- Understanding the component-based architecture of React
- Setting up a React development environment
- Building reusable UI components with React

React State and Props

- Managing component state effectively
- Passing data between components using props
- Implementing conditional rendering and event handling in React

React Hooks

- Exploring the concept and benefits of React Hooks
- Utilizing built-in hooks for state management and side effects
- Creating custom hooks for reusable functionality

React Routing and Forms

- Implementing client-side routing with React Router
- Building dynamic and interactive forms in React
- Handling form validation and submission effectively

State Management with Context API and Redux

- Understanding the need for state management in complex applications
- Utilizing the Context API for simple state management
- Implementing Redux for scalable and predictable state management

Optimizing React Application Performance

- Identifying and resolving performance bottlenecks in React applications
- Implementing code splitting and lazy loading for faster initial load times
- Optimizing component rendering and minimizing unnecessary re-renders

Next.js

Introduction to Next.js

- Understanding the benefits and features of Next.js
- Setting up a Next.js project and development environment
- Exploring the file-based routing system in Next.js

Server-Side Rendering (SSR) and Static Site Generation (SSG)

- Implementing server-side rendering for improved performance and SEO
- Generating static pages for fast page loads and easy deployment
- Optimizing Next.js applications for production

API Routes and Data Fetching

- Building API endpoints with Next.js API routes
- Fetching data from external APIs and databases
- Implementing efficient data fetching strategies in Next.js

Next.js Deployment and Optimization

- Deploying Next.js applications to popular hosting platforms
- Optimizing Next.js applications for performance and scalability
- Implementing caching and code splitting techniques

Node.js

Introduction to Node.js

- Understanding the role of Node.js in server-side development
- Setting up a Node.js development environment
- Exploring Node.js modules and package management with npm

Node.js Core Modules

- Working with built-in Node.js modules for file system, HTTP, and more
- Implementing server-side logic and handling HTTP requests
- Creating and consuming RESTful APIs with Node.js

Asynchronous Programming in Node.js

- Understanding asynchronous programming concepts in Node.js
- Utilizing callbacks, promises, and async/await for asynchronous operations
- Handling errors and exceptions effectively in Node.js applications

Node.js Best Practices and Security

- Writing modular and maintainable Node.js code
- Implementing authentication and authorization mechanisms
- Following security best practices for Node.js applications

Express.js

Introduction to Express.js

- Understanding the role and benefits of Express.js framework
- Setting up an Express.js project and development environment
- Creating server-side web applications with Express.js

Routing and Middleware

- Defining routes and handling HTTP requests in Express.js

- Implementing middleware functions for request processing and error handling
- Serving static files and handling form data with Express.js

Template Engines and View Rendering

- Integrating template engines like EJS or Pug with Express.js
- Rendering dynamic views and passing data to templates
- Implementing partial views and layout templates for code reusability

Express.js Best Practices and Deployment

- Structuring Express.js applications for scalability and maintainability
- Implementing error handling and logging in Express.js
- Deploying Express.js applications to cloud platforms like Heroku or AWS

MongoDB

Introduction to MongoDB

- Understanding NoSQL databases and MongoDB concepts
- Installing and setting up MongoDB
- Exploring MongoDB shell and basic operations

MongoDB CRUD Operations

- Creating and managing databases and collections
- Performing Create, Read, Update, and Delete (CRUD) operations
- Querying and filtering data using MongoDB query operators

MongoDB Data Modeling and Relationships

- Designing effective MongoDB schemas
- Modeling relationships between documents (embedding vs referencing)
- Implementing one-to-one, one-to-many, and many-to-many relationships

MongoDB Aggregation and Performance Optimization

- Using MongoDB aggregation framework for advanced data processing
- Implementing aggregation pipelines and operators
- Optimizing MongoDB queries and indexes for better performance

MySQL

Introduction to MySQL

- Understanding relational databases and MySQL concepts
- Installing and setting up MySQL
- Exploring MySQL command-line interface and basic operations

MySQL Data Definition and Manipulation

- Creating and managing databases, tables, and columns
- Writing SQL queries for data insertion, retrieval, and modification
- Implementing data constraints and indexes

MySQL Joins and Relationships

- Understanding and implementing different types of joins (inner, outer, self)
- Modeling and querying one-to-one, one-to-many, and many-to-many relationships
- Using subqueries and derived tables for complex queries

MySQL Advanced Topics and Optimization

- Implementing stored procedures, triggers, and functions
- Managing transactions and data integrity
- Optimizing MySQL queries and database performance

Deployment

Deploying on Heroku

- Introduction to Heroku platform and its features
- Preparing a Node.js application for Heroku deployment
- Configuring environment variables and database connections
- Deploying and scaling applications on Heroku

Deploying on AWS

- Introduction to Amazon Web Services (AWS) and its services
- Setting up an EC2 instance for Node.js deployment
- Configuring security groups and SSH access
- Deploying and managing applications on AWS

Additional Benefits

Mock Interview Preparation

- Participate in monthly mock interviews to build confidence and refine your interview skills
- Receive personalized feedback and guidance from industry experts
- Learn effective strategies for tackling technical interviews and showcasing your skills

LinkedIn Profile Building

- Receive guidance on creating a compelling LinkedIn profile that attracts potential employers
- Learn how to showcase your projects, skills, and achievements effectively
- Leverage LinkedIn for networking and job opportunities in the tech industry

Resume Enhancement

- Get expert advice on crafting a standout resume tailored to the tech industry
- Highlight your technical skills, projects, and relevant experience
- Learn how to effectively communicate your value proposition to potential employers

AI Tools for Productivity

- Discover AI-powered tools and techniques to speed up your development workflow
- Leverage AI for code completion, bug detection, and automation
- Explore AI-assisted design and prototyping tools for efficient UI/UX development

SCHEDULE

Ultimate FullStack Developer Bootcamp

MORNING SESSION

10:00 AM - 10:45 AM: Interactive Lecture (45 minutes)

10:45 AM - 11:00 AM: Practical Exercise (15 minutes)

11:00 AM - 11:10 AM: Short Break (10 minutes)

MID-MORNING SESSION

11:10 AM - 11:55 AM: Coding Workshop (45 minutes)

11:55 AM - 12:10 PM: Practical Exercise (15 minutes)

12:10 PM - 12:20 PM: Short Break (10 minutes)

LUNCH BREAK - 40 MINUTES

EARLY AFTERNOON SESSION

1:00 PM - 1:45 PM: Project-Based Learning Session (45 minutes)

1:45 PM - 2:00 PM: Practical Exercise (15 minutes)

2:00 PM - 2:10 PM: Short Break (10 minutes)

LATE AFTERNOON SESSION

2:10 PM - 2:55 PM: Group Collaboration / Coding Challenges (45 minutes)

2:55 PM - 3:00 PM: Practical Exercise (15 minutes)

3:00 PM - 3:05 PM: Short Break (10 minutes)

WRAP-UP SESSION

3:05 PM - 3:30 PM: Wrap-Up & Q&A Session (25 minutes)

The sessions will include a mix of interactive lectures, coding workshops, project-based learning, and group collaboration. And don't worry, we'll make sure to have plenty of short breaks in between to keep you energized and engaged.

Course details

Duration: 6 months

Fee options

We'll reveal fee after your demo, we don't charge for demo classes.

Earn while you learn: Complete the 6-month study period followed by a **3-month paid internship**, leading to a full-time job

Class type: Full-time (because coding is a full-time passion)

Batch size: Limited to 10 students per batch (because we believe in quality over quantity)

Eligibility: Open to graduates of all streams and aspiring developers (because coding is for everyone)

Selection process: Candidates must clear an aptitude test (Sample test paper will be provided before the interview)





Take the first step towards your coding career

So, what are you waiting for? Take the first step towards your dream coding career with Codeneur. Take our aptitude test and secure your spot in our upcoming batch starting on September 15, 2024.

This is your chance to gain the skills, experience, and network you need to launch a successful career in tech. Don't let this opportunity slip away. Contact us today to learn more and start your coding journey with Codeneur!

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