



Full Stack Development Certification Program



A Comprehensive Program Featuring 6 Specializations



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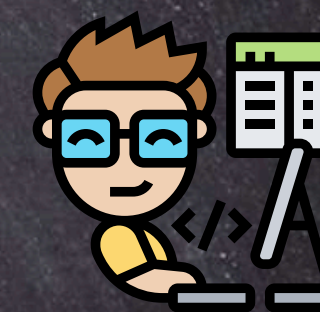


INTRODUCTION



The Full Stack Developer Certification Program from Upskillment is designed to provide you with all the skills necessary to become a proficient full-stack developer. As the demand for versatile developers continues to rise, this program equips you with expertise in both front-end and back-end technologies, making you ready for a variety of roles in the rapidly evolving tech industry.

Through a combination of live instructor-led training and self-paced learning, you'll master essential tools and frameworks like **HTML5, CSS3, JavaScript, Node.js, React, Angular, MongoDB, and more**. This comprehensive curriculum is designed by industry experts and covers every aspect of full-stack development— from designing intuitive user interfaces to building scalable back-end systems.



Whether you are a beginner looking to start your development career or a professional looking to upgrade your skill set, **Upskillment's Full Stack Developer Program** will give you hands-on experience with real-world projects and the knowledge needed to succeed in today's competitive job market. Gain expertise in both front-end and back-end development, and build the skills that employers are looking for.

CURRICULUM

Module 1: Web Developer Certification Training

This comprehensive Web Developer Certification Program is curated by top industry experts to ensure you master key web development technologies. You'll gain hands-on experience in creating dynamic websites using HTML5, CSS3, Bootstrap, jQuery, and Google APIs, and learn how to deploy your creations on Amazon S3. Upon completion, earn a recognized Web Developer certification suitable for both beginners and experienced professionals.

Duration: Week 5-6 | Mode: Live (Weekday & Weekend Batches)

Modules: 10 | Total Hours: 18 |



Module 2: jQuery UI Development

- The jQuery UI Development Certification Program teaches you how to use jQuery, a powerful JavaScript library for creating interactive and dynamic web pages. You'll learn how to efficiently navigate and manipulate HTML elements, handle events, and implement animations. The program covers key topics such as:
 - jQuery Traversing for efficient element selection
 - Event Handling for creating interactive web applications
 - AJAX for asynchronous data loading
 - UI Widgets like sliders and date pickers
 - jQuery Mobile for building mobile-optimized web apps
- Duration: 2-3 Weeks | Mode: Self-Paced
- Modules: 8 | Total Hours: 18 | Skills Covered: 15

Module 3: Angular Certification Program

The Angular Certification Program provides you with a deep dive into Angular, a powerful framework for building dynamic, single-page web applications. As one of the most widely used front-end frameworks, Angular allows you to develop scalable, high-performance applications with ease. In this program, you'll master key concepts like:

- Components & Modules: Learn how to structure your application efficiently using Angular's modular system.
- Data Binding & Dependency Injection: Understand how to create dynamic, data-driven applications and simplify complex tasks using dependency injection.
- Routing & Navigation: Master client-side routing to create smooth navigation in single-page applications.
- Angular Directives & Pipes: Enhance your app's functionality and presentation using Angular's built-in directives and pipes.
- Forms & Validation: Learn to manage user inputs effectively and ensure data consistency with Angular forms.

- Duration: Weeks 3-4 Weeks | Mode: Live (Weekday & Weekend Batches)
- Modules: 10 | Total Hours: 22 | Skills Covered: 8

Module 4: React JS Training

The React JS Training Program provides hands-on experience in building dynamic, high-performance web applications using React, one of the most popular JavaScript libraries. You will master key concepts such as JSX syntax, React components, state and props, and event handling to create interactive user interfaces. The course also covers advanced topics like React Router for navigation, React Hooks for managing state and lifecycle, and Redux for scalable state management.

Course Modules:

Introduction to React – Setup and JSX syntax
Creating React Components – Class and functional components
State & Props – Managing data flow between components
Handling Events – Interactivity with user actions
React Forms – Form creation and validation
React Hooks – Managing state and lifecycle in functional components
React Router – Implementing routing for single-page applications
State Management with Redux – Efficient state management for large apps

By the end of this program, you'll be capable of building scalable, interactive web applications using React JS and Redux.

- Duration: 5-6 Weeks | Mode: Live (Weekday & Weekend Batches)
- Modules: 10 | Total Hours: 18 | Skills Covered: 6

Node.js Certification Training Program

The Node.js Certification Training Program by Upskillment equips you with the skills to develop scalable, high-performance web applications, REST APIs, and real-time applications using Node.js and Express.js. You'll learn how to handle asynchronous programming, integrate databases like MongoDB and MySQL, and design microservices architectures.

Key Topics:

- Node.js Basics & Core Modules – Master the core features and architecture
- Building Web Servers with Express.js – Develop efficient backend services
- Asynchronous Programming (Async/Await) – Handle asynchronous tasks seamlessly
- RESTful API Development – Create scalable, maintainable APIs
- Database Integration – Work with MongoDB and MySQL
- Real-Time Applications with Socket.IO – Implement live features like chat and notifications
- Microservices Architecture – Design scalable, modular applications

Upon completion, you'll be ready to build full-stack applications and backend systems with Node.js, gaining hands-on experience with industry-standard tools and frameworks.

- Duration: 2-3 Weeks | Mode: Live (Weekday & Weekend Batches)
- Modules: 10 | Total Hours: 18 | Skills Covered: 8

MongoDB Certification Training Program

The MongoDB Certification Training Program by Upskillment provides hands-on experience in working with MongoDB, the leading NoSQL database. You'll learn to design schemas, perform CRUD operations, and manage data efficiently using MongoDB's powerful features. The program covers indexing, aggregation, and data modeling, enabling you to build scalable and high-performance applications.

Key Topics:

- Introduction to MongoDB – Understanding NoSQL and MongoDB architecture
- CRUD Operations – Performing create, read, update, and delete actions
- Schema Design & Data Modeling – Structuring data for scalability
- Indexing & Aggregation – Optimizing queries for performance
- MongoDB Administration – Managing databases and users
- Replication & Sharding – Ensuring high availability and horizontal scaling

By the end of this program, you'll have the expertise to integrate MongoDB into applications and manage databases for scalable, high-performance systems.

- Duration: Week 2-3 Weeks | Mode: Live (Weekday & Weekend Batches)
- Modules: 10 | Total Hours: 18 | Skills Covered: 8

Full Stack Development Certification Program Features :

Flexible Learning Options:

Choose what fits your schedule! Attend classes on weekdays or weekends, and select from morning or evening sessions to accommodate your personal commitments.

Class Rescheduling Flexibility:

Never miss a session! If you're unable to attend, you can easily switch to another batch that fits your availability.

Dedicated Learning Manager:

Get personalized support from a Learning Manager who is fully committed to answering all your questions and guiding you throughout the course.

Job Assistance: Receive dedicated job assistance, including resume building, interview preparation, and job placement support to help you land your dream role in Full Stack Development.

Hands-On Projects and Real-World Simulations:

Gain practical experience with industry-relevant projects and simulations, ensuring you can apply your knowledge to real-world scenarios.

Industry-Recognized Certification:

Earn a certification that is recognized by top organizations, validating your expertise and helping you stand out in the competitive job market.

Full Stack Development Certification Program Outlook

- 3 Million Jobs by 2025: The program opens up 3 million full-stack development opportunities in India by 2025 (NASSCOM).
- 35% Annual Growth: Job openings for Full Stack Developers are growing at an annual rate of 35%, according to LinkedIn.
- \$121,000 Average Salary: Full Stack Web Developers earn an average annual salary of \$121,000.
- Top Industries: Opportunities exist in IT, Finance, Healthcare, E-commerce, Marketing, and more.
- In-Demand Roles: Roles include Frontend Developer, Backend Developer, Full Stack Engineer, React Developer, and Web Application Developer.
- High Industry Growth: Increasing demand for developers skilled in both front-end and back-end technologies.

LET'S CONNECT

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