

SSL CLOUD

FULL Stack Development

1. HTML & CSS for Beginners

- Learn the basics of HTML and CSS
- Create structured and visually appealing web pages
- Topics: HTML elements, CSS selectors, responsive design
- Outcome: Build foundational skills for front-end development

2. JavaScript Basics

- Introduction to programming with JavaScript
- Topics: Variables, functions, DOM manipulation
- Outcome: Add interactivity to websites

3. jQuery

- Simplifying JavaScript with jQuery
- Topics: DOM traversal, event handling, AJAX
- Outcome: Enhance productivity with a powerful library

4. SQL

- Basics of Structured Query Language
- Topics: Writing SQL queries, database design, joining data

- Outcome: Manage and retrieve data efficiently

5. MongoDB

- Introduction to NoSQL databases
- Topics: Collections, CRUD operations, aggregation framework
- Outcome: Work with flexible and scalable data storage

6. MySQL

- Relational database management
- Topics: Advanced SQL queries, indexing, integrating MySQL
- Outcome: Build and manage structured databases

7. NodeJS + ExpressJS

- Server-side JavaScript development
- Topics: Setting up a server, RESTful APIs, middleware
- Outcome: Create scalable back-end systems

8. API

- Understanding and working with APIs
- Topics: RESTful API design, consuming third-party APIs
- Outcome: Seamlessly connect front-end and back-end systems

9. Advanced React JS

- Taking React skills to the next level
- Topics: Advanced state management, optimizing performance
- Outcome: Build complex and high-performing React applications

10. A Day in the Life of a Developer

- Explore the typical workflow of a developer
- Topics: Tools, collaboration, balancing coding and learning
- Outcome: Gain insights into real-world development

11. NPM + NPM Scripts

- Package management with Node.js
- Topics: Installing packages, writing NPM scripts, automation
- Outcome: Efficiently manage dependencies and scripts

12. ReactJS, Hooks, Redux

- Advanced front-end development with React
- Topics: Using hooks, state management with Redux
- Outcome: Build dynamic and stateful applications

13. HTTP/JSON/AJAX

- Understanding web communication protocols
- Topics: HTTP requests, JSON data format, AJAX
- Outcome: Enable smooth client-server interactions

14. Thank You

- Ready to become a Full-Stack Developer?
- Let's start building together!