

6-Month Full Stack Development Fast-Track Curriculum:

Month 1: Foundations of Web Development

- HTML Basics
- CSS Fundamentals
- Introduction to JavaScript
- Responsive Web Design with Bootstrap

Month 2: Backend Development with Node.js or PHP

- Introduction to Node.js/Php
- Express.js/Laravel Framework
- Building RESTful APIs
- Database Fundamentals with MongoDB or MySQL

Month 3: Frontend Development with React

- Introduction to React.js
- Components and Props
- State and Lifecycle
- Routing and Form Handling

Month 4: Advanced Backend Development

- Authentication and Authorization
- Data Validation and Error Handling
- Asynchronous JavaScript and Promises
- CRUD Operations and Integration with MongoDB/MySQL

Month 5: Advanced React and Full Stack Integration

- Redux for State Management
- React Hooks
- Integrating Backend with React
- Testing React Applications

Month 6: Practical Project Development and Deployment

- Full Stack Project Development & Live Projects Development
- Deployment Strategies

- Project Refinement and Testing

Note:

- This fast-track curriculum assumes that students have some prior programming experience and familiarity with basic programming concepts.
- The curriculum is structured to provide a balance between frontend and backend development skills, focusing on practical applications and project-based learning.
- Students are encouraged to continue learning and exploring advanced topics beyond the curriculum to enhance their skills further.
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