

## Course Outline Blockchain

Smart Contract	
<ul style="list-style-type: none"><li>• Fundamentals of blockchain</li><li>• Basics of smart contracts</li><li>• Layout of solidity file</li><li>• State variables</li><li>• Functions</li><li>• Modifiers/errors</li><li>• Events</li><li>• Smart contracts security</li><li>• Token standards</li><li>• Staking Contract</li><li>• Custom contract</li></ul>	<b>3 Weeks</b>
Node JS	
<ul style="list-style-type: none"><li>• Javascript language</li><li>• Node modules</li><li>• MongoDB</li><li>• CRUD APIs</li><li>• Error handling</li><li>• Authentication and authorization</li><li>• Git</li></ul>	<b>3 Weeks</b>
React js	
<ul style="list-style-type: none"><li>• React fundamentals</li><li>• JSX</li><li>• Class Components</li><li>• Functional Components</li><li>• API integration</li><li>• Wallet Connection</li><li>• Redux</li><li>• Practice Project</li></ul>	<b>3 Weeks</b>
Project	
<b>Using:</b> <ul style="list-style-type: none"><li>• Smart Contract</li><li>• ReactJs</li><li>• NodeJs</li><li>• MongoDB</li></ul>	<b>3 Weeks</b>