

Saturday

1. Introduction to Ethereum (1 hour)
 - What is Ethereum and how it works
 - Ethereum architecture and components
 - Ethereum Virtual Machine (EVM) and smart contracts
2. Setting up the development environment (1 hour)
 - Installing necessary software and tools
 - Creating an Ethereum wallet and getting test Ether
3. Solidity programming language (2 hours)
 - Syntax and data types
 - Control structures and functions
 - Creating and deploying smart contracts

Sunday

4. Interacting with smart contracts (2 hours)
 - Understanding of web3 js.
 - Writing test script using hardhat
 - Reading and writing data to smart contracts
 - Executing functions and events
 - Integrating smart contracts with web applications
5. Advanced topics (2 hours)
 - Gas and transaction costs
 - Security considerations and best practices
 - Decentralized applications (DApps) and Ethereum-based projects

Bonus:

Free Resume building session from a professional career counsellor (1 hour)