COURSE OUTLINE

WEB DEVELOPMENT FUNDAMENTAL

##### Topics: HTML and CSS Basics, JavaScript Basics, and Version Control.

##### Projects: From building a personal website to interactive JavaScript sites.

##### Objective: Establish a strong foundation in web development and responsive design.

ADVANCED JAVASCRIPT AND PROGRAMMING FOUNDATIONS

##### Topics: Covers Advanced JavaScript Concepts and Strong Algorithmics foundation and Data Structures.

##### Projects: Weather application using APIs, coding challenge exercises.

##### Objective: Deepen understanding of JavaScript and develop problem-solving skills.

BACKEND DEVELOPMENT AND DATABASES

##### Topics: Master SQL and NoSQL Databases, and Server-Side Programming with Node.js.00:00

##### Projects: CRUD applications, RESTful service development.

##### Objective: Gain proficiency in database management and backend development.

0

FRONTEND DEVELOPMENT WITH REACT AND OOP

##### Topics: Learn React development and object-oriented programming in JavaScript.00:00

##### Projects: Single-page applications, OOP-based projects.

##### Objective: Develop dynamic user interfaces and apply OOP principles in JavaScript.

FULL-STACK SOFTWARE DEVELOPMENT SING FRAMEWORKS AND ADVANCED CONCEPTS

##### Topics: Integrate front-end and back-end with Full-Stack Application Development. Typescript, Node…00:00

##### Projects: E-commerce platform, content management system.

##### Objective: Build full-scale applications, solidifying front-end and back-end knowledge.