EDUFYI TECH SOLUTIONS

APP DEVELOPMENT

PROGRAM TYPE

PROFESSIONAL

Our Alumini work at

Microsoft | Capgemini | Deloitte. | IBM | Adobe | EY Building a better working world | BOSCH

WHO ARE WE?

At **Edufyi Tech Solutions**, we are dedicated to transforming the educational journey for college students by offering cutting-edge virtual internships and comprehensive training programs. Our approach combines industry mentorship with practical experience, providing each student with six real-time and capstone projects per course or domain. These projects are designed to equip students with the skills and experience needed to secure their dream jobs upon graduation

WHY CHOOSE US?

Our unique features are:

- Choose your Speed, Master the Skills
- Industry Project Playground
- Resume Building & Aptitude Grooming
- Learn from Industry Mentors from MNCs & Startup Founders
- 100% Placement Assistance
- Exclusive R&D learning content from leading MNCs
- Unlimited Mocks & GDs
- 24*7 Dedicated Support
- Wipro Dice ID Accredited Globally Recognized Certifications
- Get your Internship with 150+ Companies
- 1:1 Counselling Sessions
- Additonal Certifications from Microsoft, Cisco, IBM, Adobe, etc
- Certified Bootcamps & Webinars
- Lifetime Personalized Learning Management System (LMS)
- Access recorded lectures Anytime, Anywhere!!
- Skill Up & Cash In with Performance Based Stipend
- Mentorship by industry experts via live sessions
- Access to our Hiring Partners

WHAT IS APP DEVELOPMENT?

APP Development, also known as website development, refers to the tasks associated with creating, building, and maintaining websites and web applications that run online on a browser. It may, however, also include web design, APP programming, and database management. App Development is closely related to the job of designing the features and functionality of apps (web design). The term development is usually reserved for theactual construction of these things (that is to say, the programming of sites).

SCOPE OF WEB DEVELOPMENT

The App Development Market size is to grow from USD 6.9 billion in 2021 to USD 14.3 billion by 2030, at a Compound Annual Growth Rate (CAGR) of 25.7% during the forecast period. This program will advance your career as a Full Stack Developer. You'll learn to build and deploy interactive applications and services, explore the advanced concepts of Frontend and Backend development, and apply them in real-time web applications. Design dynamic websites and make your own scalable Portfolio website.

CAREER OPPORTUNITIES

- Applications Developer
- Game Developer
- Multimedia Programmer
- Web Content Manager
- UX Designer and Researcher
- Frontend Developer
- Backend Developer

HOW CAN YOU START YOUR JOURNEY AS A APP DEVELOPER?

Enrol in Edufyi Tech Solutions specialised program of Industrial Training and Internship in collaboration with 150+ partnered companies. Get taught by industry experts and build 6+ real-time projects. Receive globally accepted certifications and enhance your job opportunities through our placement assistance program.

SPECIALISED PROGRAM CURRICULUM

INDUSTRIAL TRAINING

Session 1

- Introduction to Full Stack Web Development
- What is Mern Stack
- Components of Mern Stack
- HTML
- CSS
- Javascript
- React.js
- Node.js
- Express.js
- Mongo DB

Session 2

- Introduction to HTML
- Creating webpage with HTML
- What are tags
- Basic format of webpage

Session 3

- HTML Attributes
- What is HTML Attributes
- Usecases of HTML Attributes
- Style Attributes

Session 4

- HTML Formatting Elements
- What is Formatting Elements
- Types of Formatting Elements
- Usescases of HTML Formatting Elements

Session 5

- Hyperlinks and Images
- What are Hyperlinks
- Usecases of Hyperlinks
- Understanding HTML Images
- Usecases of HTML Images

Session 6

- HTML Lists
- What are HTML Lists
- Types of HTML Lists
- Understanding with Applications

Session 7

- HTML Tables
- What are HTML Tables
- What are table cells
- Creating a table in HTML
- Storing data in table format

Session 8

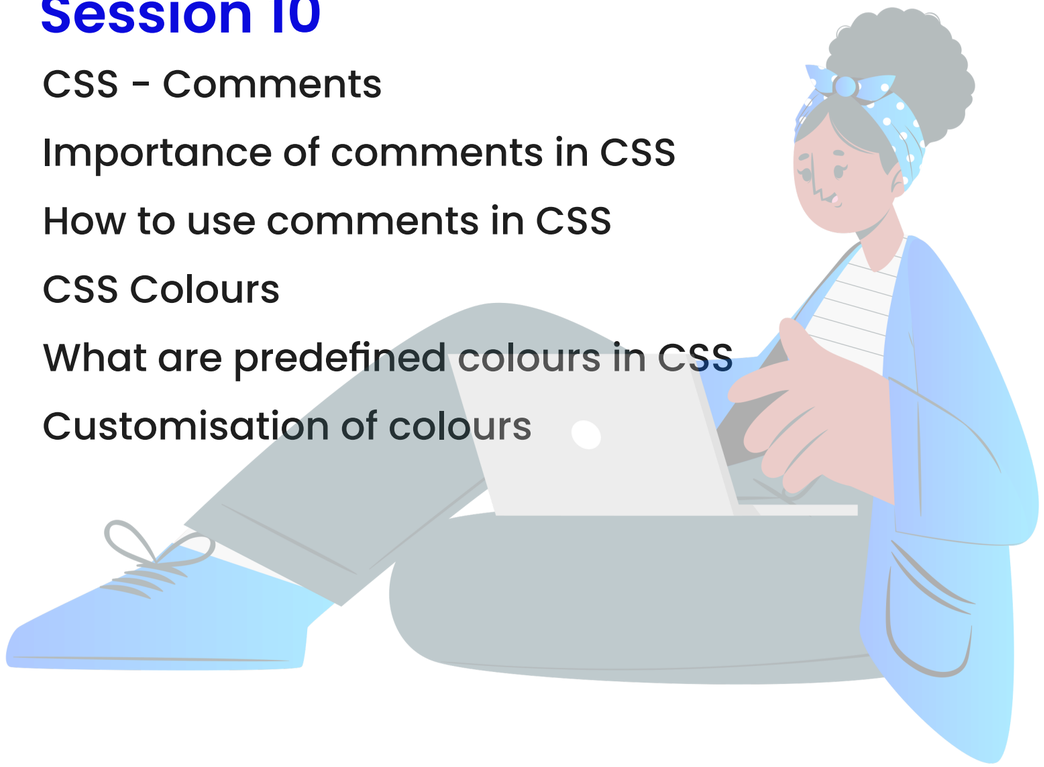
- HTML Inputs What are HTML Inputs Case study of Ignou Text Inputs Usecase Number Input Usecase Checkbox Input Usecase Radio Button Input Usecase Password Button Input Usecase

Session 9

- CSS
- What is CSS
- Designing a Webpage
- CSS Syntax
- Understanding functions of CSS
- CSS Selectors

Session 10

- CSS - Comments
- Importance of comments in CSS
- How to use comments in CSS
- CSS Colours
- What are predefined colours in CSS
- Customisation of colours



Session 11

- CSS - Backgrounds and Borders
- How to set images as Background
- Using Container
- Adding Borders

Session 12

- CSS - Margins and Padding
- Usability of Margin and Padding
- Implementation of Margin and Padding
- Height and Width Property

Session 13

- Kickstarting JavaScript
- What is JavaScript
- Understanding Syntax
- Implementation of javaScript via HTML and CSS

Session 14

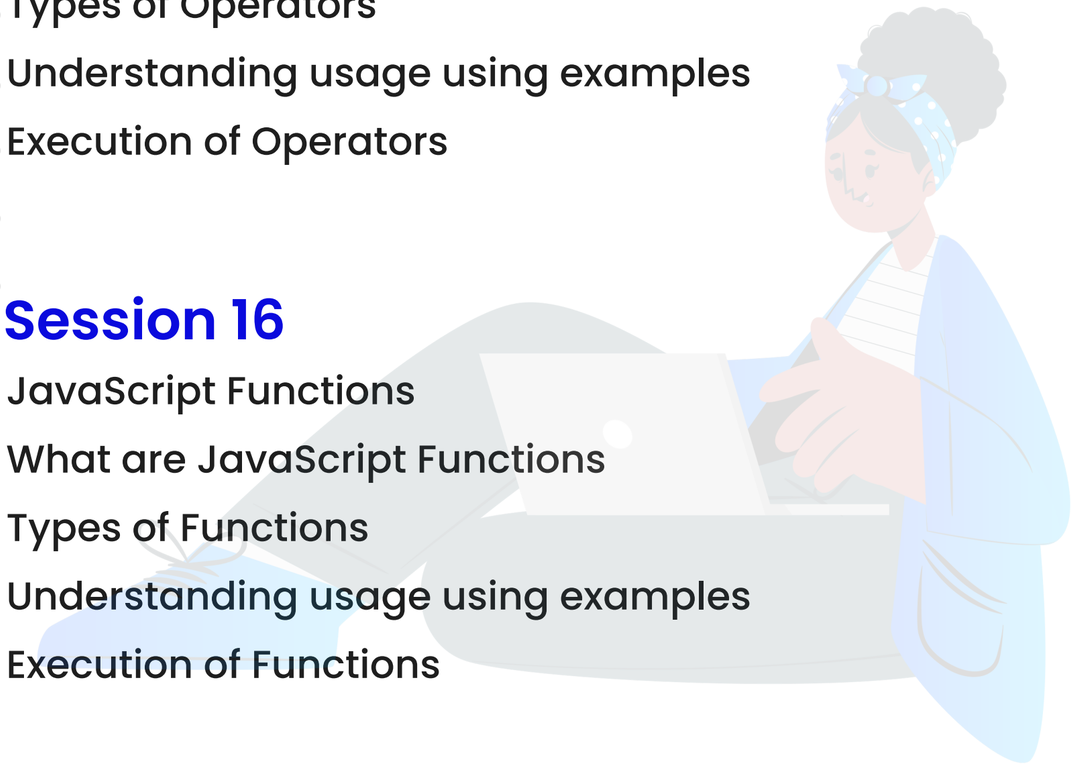
- Basic Functions of JavaScript
- Understanding Var, Let and Const keywords
- Coding with JavaScript

Session 15

- JavaScript Operators
- What are JavaScript Operators
- Types of Operators
- Understanding usage using examples
- Execution of Operators

Session 16

- JavaScript Functions
- What are JavaScript Functions
- Types of Functions
- Understanding usage using examples
- Execution of Functions



Session 17

- JavaScript Control Statements
- Relevance of Control Statements
- Types of Control Statements
- Understanding with Applications

Session 18

JavaScript Switch Statement

Applications of Switch Statements

Execution of Switch Statements

Session 19

JavaScript Looping Statements

Relevance of Looping Statements

Types of Looping Statements

Understanding via usecases

Execution of Loops

Session 20

JavaScript Arrays

What is a JavaScript Array

Creating an Array

Understanding via a Prorgam

Session 21

JavaScript JSON

What is a JavaScript JSON

Features and Usabillity of JSON

Storing arrays in JSON

Execution with the help of JSON

Session 22

- JavaScript Object Oriented Programming
- What is Oject Oriented Programming
- Understanding property and behaviour of objects
- What is a class
- Creating an Object
- Understanding using examples

Session 23

- Kickstarting React.Js
- What is React.Js and applications
- Installation of React.Js
- Understanding Visual Studio Code

Session 24

- React.Js Components
- Understanding React.Js Components
- Casestudy of Amazon.in
- What are external components

Session 25

- React.Js Props
- What are React.Js Properties
- Detailed understanding with a Sample Code

Session 26

- Limitation of Props
- Exporting multiple components
- React.Js States
- Updating React.Js States

Session 27

- React.Js Events
- What is an event
- Difference between Reach Js and JavaScript events
- Using multiple Functions

Session 28

- React.Js Forms
- What are React.Js Forms
- Features of Forms
- Handling and Working of Forms
- Understandig execution via a sample program

Session 29

- Kickstarting Node.Js
- Limitation of Java Script
- What is Node.Js
- Applications of Node.Js
- Installation of Node.Js
- Execution of a Node File

Session 30

- Node.Js Modules
- Basics of Node Modules
- Installation of Node Modules
- Importance of Node Modules
- Use of Node Modules
- Creating Node Modules
- Understaing with an example

Session 31

- Node.Js HTTP Module
- Relavance and Applications of HTTP Module
- Implementation of HTTP Module
- Understanding use via a Realtime example

Session 32

- Node.Js Forms
- Application of Forms
- Creating Forms

Session 33

- Node.Js File System Module
- What is a FSM
- Applications of FSM
- Understanding Execution via a program

Session 34

- Kickstarting Express.Js
- What is Express.Js
- Understanding MVC Approach
- Installation of Epress.Js
- How to use Express.Js

Session 35

- Express.Js Requests and Reponse
- What are Request and Response Objects
- Applications of Request and Response Objects
- Understanding via a Prorgam

Session 36

Express.Js Sessions and Cookies

What are Sessions and Cookies

Applications of Sessions and Cookies

Understanding usability in a Program

Session 37

Kickstarting MongoDB

What is MongoDB

Difference between SQL and non-SQL databases

Installation of Database

Beginning with server of MongoDB

Session 38

Deep Diving into MongoDB

Connecting MongoDB with Node.Js

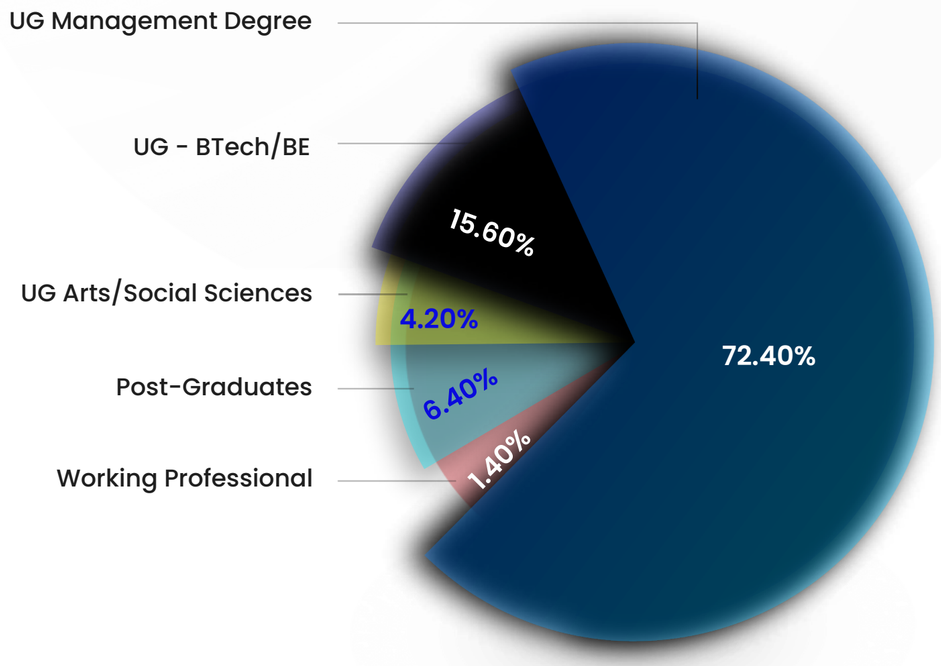
Running crude commands in MongoDB with NodeJs

QUIZ

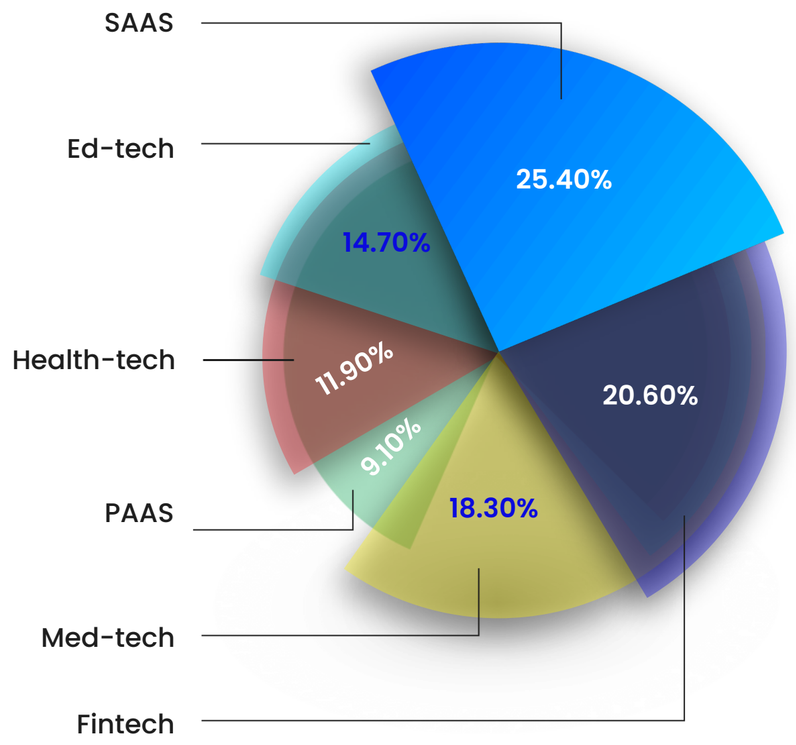
ADVANCE INTERNSHIP PROJECTS

- Project 1
- Project 2
- Project 3
- Project 4
- Project 5
- Project 6

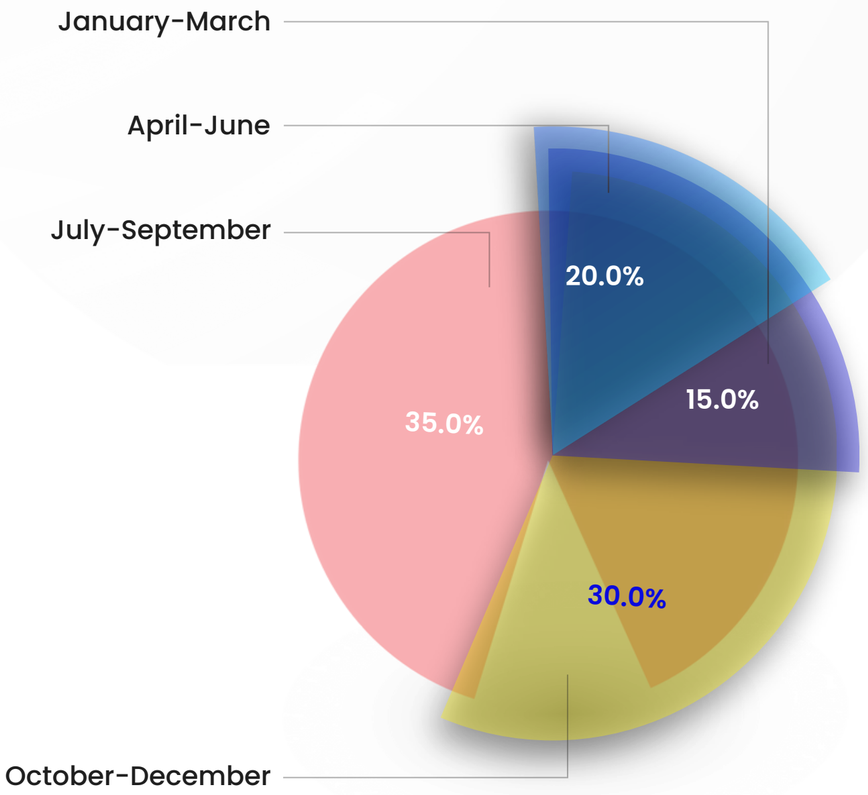
LEARNER'S BACKGROUND



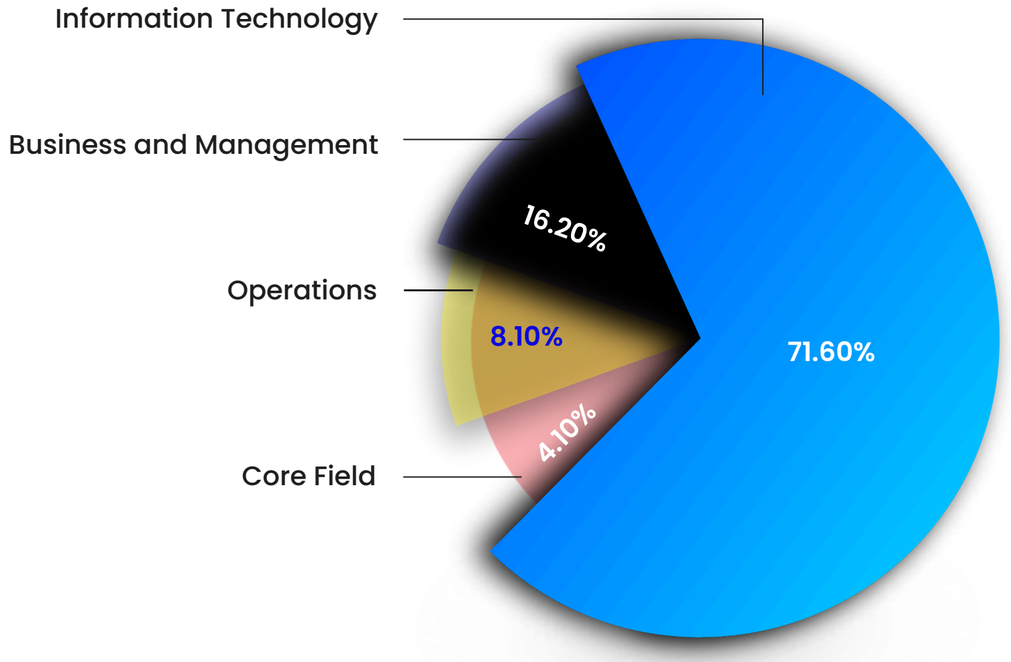
PLACEMENTS RATIO OFFERED AS PER INDUSTRY



QUATERLY PLACEMENT ANALYSIS REPORT

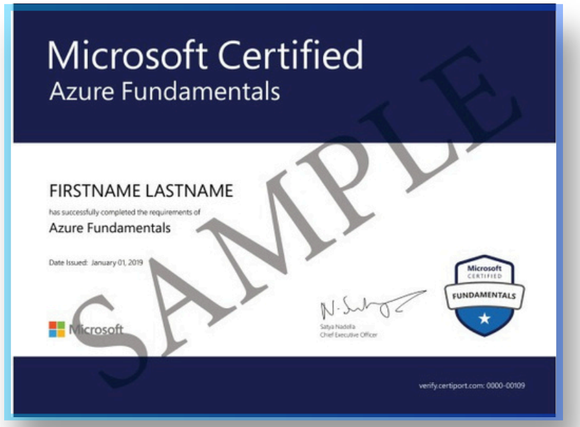


OFFERED PROFILES & FIELDS VIA EDUFYI



WIPRO DICE ID ACCREDITED CERTIFICATIONS

PROFESSIONAL MNC CERTIFICATIONS



OUR AUTHORISED CERTIFICATION PARTNERS

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ESB

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