



# **PYTHON FULLSTACK DEVELOPMENT**

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## **COURSE**

# THE STUDENTS WE'VE RECENTLY PLACED



**D. Mahesh**  
 Rsspa It solutions  
Job Role: Front-end Web Developer



**D. Abhishek**  
 Arun Kapital Networks  
Role: Network Engineer L-1



**K. Payn Manohar**  
  
Job Role: Associate Network engineer



**Racha Lokesh**  
  
Job Role:Trainee .Net developer



**Bandi ramya**  
  
Job Role: Associate Network engineer



**P. Shirisha**  
  
Job Role: Associate Network engineer



**D.Bala Vinay**  
 Arun Kapital Networks  
Job Role: Network Engineer



**D. Madhusudan**  
  
Job Role: Associate Network engineer



**P. Venkannababu**  
  
Role: Associate Network Engineer



**M.Ashok Reddy**  
  
Job Role: Associate Network engineer



**Velde. Srivastava**  
  
Job Role: Assistant System Engineer Trainee



**Mohammed Zubair**  
  
Job Role: Network Engineer L1



**G. Rithwini Sagar**  
 Arun Kapital Networks



**V. Venkateswarlu**  
  
Job Role: Associate Network engineer



**A. Pradeep Chand**  
  
Job Role: Associate Network engineer



**P. Venkata Harish**  
  
Job Role: Technical Engineer



**J.Sudhakar**  
 Arun Kapital Networks



**CH. Ashwith**  
 nipun  
Inspiring Lives



**G.Poorni Satya Murthy**  
 nipun  
Inspiring Lives



**M. Srikanth**  
 nipun  
Inspiring Lives



**P.Rakesh**  
 nipun  
Inspiring Lives

Job Role: Associate Network engineer



**D. Rajesh Babu**  
 Arun Kapital Networks

Job Role: Network Engineer



**K.Balaraju**  
 nipun  
Inspiring Lives

Job Role: Associate Network engineer



**Ansari**  


Job Role: Network Engineer L1



**Santosh Kumar**



Job Role: Network Engineer L1



**K. Srinivas Rao**



Job Role: Network Engineer L1



**B.SUDHEENDRA REDDY**



Role: ASSOCIATE IT ENGINEER

# Hear from Our Students!



Hemabindhu Jonnalagadda

1 review • 0 photos



I have recently joined in aimmxt institute for the data analytics course the teaching is outstanding. They make us to understand each and every topic in easy way. We can freely ask any type of doubts about the topic. I am happy to my decision to join in this institute.



Shaik Farida

1 review • 0 photos



I recently joined Aimnxt for the Data Analyst course, I'm happy with my decision. The teaching quality is excellent. If there are any complex concepts they breakdown it and make us easy to understand every topic. We can freely ask any kind of doubts about the topic. And also staff is friendly and supportive, always ready to assist us. I'm sure it's a great place to learn and grow.



Madina Charan

Local Guide • 14 reviews • 17 photos



Yeah I got a good experience and friendly teaching. AimNxt is here to encourage new talents



Rithwini Sagar

2 reviews • 0 photos



Providing good placement and trainings with good knowledge and skills.



sai sudhakar

2 reviews • 0 photos



The best edutech providing quality of training 🌟🌟🌟

**venky vr**

1 review • 0 photos

**★★★★★**

Those who are wants to settle career in networking side this is the best coaching institute I have ever seen for freshers and upskilling students also.

**Shankar**

2 reviews • 0 photos

**★★★★★**

The instructors were incredibly knowledgeable and passionate about the subjects they were teaching. They went above and beyond to ensure that each participant understood the material and were always available for any questions or clarifications.

**Kaya Charan**

1 review • 0 photos

**★★★★★**

I would highly recommend AIMNXT Technology Institute to anyone looking to enhance their skills or gain specific knowledge in the tech industry. the commitment of the instructors make it an excellent choice for professional development.

**M Priya**

2 reviews • 0 photos

**★★★★★**

The best edutech company which provides quality trainings with best faculty and placement assistance to the students. Excellent infrastructure and committed faculty..

**Nulu Veera Venkata Ratna Vineetha**

4 reviews • 0 photos

**★★★★★**

It was a great experience for me with Aimnxt technologies.. They are providing good training I recommend every one to join in Aimnxt technologies

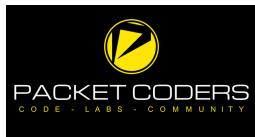
# Premier Hiring Partners



# Premier Hiring Partners



Cloud ERP, Analytics



## PYTHON COURSE CONTENT

### 1. Introduction

- Introduction to python
- Types of applications that can be developed
- Installation
- Interactive interpreter

### 2. Python Frameworks

- Different types of frameworks
- Tools that we use in developing the applications
- PyCharm, Anaconda, Jupyter

### 3. Basics of Python

- Data types
- Keywords
- Operators

### 4. Basic programming

- Indentation
- Programming using operators
- Strings and its methods
- Control flow statements and loops
- Functions and types of functions
- Anonymous functions
- Arrays
- HTML in python

## 5. Modules

- Built in modules
- Making own modules
- Packages
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## 6. Data Structures

- Lists
- Tuples
- Sets
- Dictionaries
- Pickle
- Sequence

## 7. File Handling

- Creating and reading files

## 8. Exception Handling

- Exception
- Exception Handling
- Try, except, else
- Raising exceptions

## 9. Object oriented concepts

- Object
- Class
- Init and other methods
- Encapsulation
- Inheritance and types

- Polymorphism
- Abstract class
- Duck typing
- Monkey patching

## 10. Database connectivity

- Different data sources that we can use
- Databases that we use
- Database connectivity programming
- CRUD operations example
- Using XML and JSON data formats
- No SQL databases SQLite, mongo, MySQL

## 11. GUI Programming using Python

- Different frameworks those can be used
- Different types of applications those can be developed
- Tkinter tool
- Labels, textboxes, menus, tabs

# WEB TECHNOLOGIES

- Introduction to web technologies
- Introduction to web applications
- Editors

# HTML

- Introduction

- Layers in web application
- Tags, attributes
- Programming
- Audio, Video, Graphics

## **CSS**

- Introduction
- Selectors and types of selectors
- Font, text, border, images
- Properties
- Class rules
- Layouts with CSS
- Absolute, relative, fixed positioning
- Float, clear

## **JAVASCRIPT**

- Introduction
- Programming languages
- Uses of JavaScript
- Keywords, operators
- Browser objects, JavaScript objects
- Dialogs
- Events
- Basic programming
- Functions

- Let, const keywords
- Nested functions, Closures
- Anonymous functions
- Function expressions
- Hoisting in JavaScript
- animations
- Validations
- AJAX

## **DOM (DOCUMENT OBJECT MODEL)**

- Introduction
- Types of DOM
- Uses
- Properties and methods
- programming

## **JQUERY**

- Introduction to JavaScript libraries
- Advantages
- Functions and Methods
- Selectors, custom selectors
- Validations
- DOM
- Animations
- AJAX

## BOOTSTRAP

- Introduction
- Responsive design
- Classes
- Containers
- Colors, jumbotron, navbar
- Forms, buttons, cards, modals
- Carousel, images

## DATA FORMATS

- XML
- JSON
- JSON Data structures
- Difference between XML and JSON

## TYPESCRIPT

- Introduction
- Installing Typescript
- Keywords, types, operators
- Programming
- Functions and types
- Interfaces
- Classes

# ANGULAR

## Introduction

- Introductions to web applications
- Scripting languages
- Type Script, JavaScript
- prerequisites
- Angular versions
- Features of angular
- SPA
- Installation
- Software requirements
- CLI
- Installation of packages and configuration
- Creating first angular application
- Executing angular application
- Building blocks of angular
- Modules
- Components
- Directives
- metadata
- Data binding
- Services
- Dependency injection

## Angular components

- What is a component?
- Building components
- Component interactions

## Directives

- What is directives?
- Types of directives available
- Structural, attribute directives
- Creating custom structural and attribute directives

## Angular Pipes

- What are pipes?
- Built-in pipes in angular
- Creating custom pipes
- Registering & integrating pipes
- Pure pipe, impure pipe, custom pipe
- Difference between Pipes & Directives

## Data binding in angular

- Introduction to data bindings
- Types of data bindings
- Class binding, style binding
- Event binding

## Forms in angular

- Purpose of forms
- Template driven forms
- ngForm, ngModel directives
- form validations
- setting default values in form fields

## **Services in angular**

- What is a service?
- creating and configuring services
- consuming service

## **Dependency injection in angular**

- What is DI?
- How to configure DI
- Advantage of DI

## **Routing in angular**

- What is routing
- How to configure routing
- Wildcard routes, Creating child route
- Difference between static and dynamic routes
- Nested routes
- Route Events

## **Http, promises, observables, RxJS**

- What is http

- Methods in http
- What is observable?
- Callback methods

## **Login application**

## **MONGODB**

- Introduction to databases
- No SQL databases
- Installation of MongoDB
- Working with MongoDB
- MongoDB document
- Data modelling
- MongoDB with JavaScript
- Indexes
- Administering databases