



PYTHON FULLSTACK DEVELOPMENT

COURSE

THE STUDENTS WE'VE RECENTLY PLACED



D. Mahesh



Job Role: Front-end Web Developer



D. Abhishek



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



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



V. Venkateswarlu



A. Pradeep Chand



P. Venkata Harish



Job Role: Technical Engineer



J. Sudhakar
 Arun Kapital Networks



CH, Ashwith
 nipun
Empowering Lives



G. Poornima Satya Murthy
 nipun
Empowering Lives



M. Srikanth
 nipun
Empowering Lives



P. Rakesh
 nipun
Empowering Lives

Job Role: Associate Network engineer



D. Rajesh Babu
 Arun Kapital Networks

Job Role: Network Engineer



K. Balaraju
 nipun
Empowering Lives

Job Role: Associate Network engineer



Ansari
 Web Works
DATA CENTERS |  IRON MOUNTAIN
DATA CENTERS

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 aimnxt 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



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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
-

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