



# Python Full Stack Intensive Training Program

Job-oriented program with **Money Back Guarantee**

- 6 Months Hybrid Program | 1:1 Mentorship
- Live Doubt-Solving | 100% Placement Assistance





Since 2006, Tutorialspoint has led digital learning with accessible, industry-relevant education. Guided by 5000+ global instructors. We empower millions of learners every month with continuously updated content across technical and non-technical domains, breaking barriers and fostering lifelong learning.

Tutorialspoint has become more than just an educational platform - it is a learning revolution. We are committed to making quality education accessible to all and bridging the gap between traditional learning and real-world skills.


## Our Mission:

Our mission is to provide High-Quality Engaging Content and Learning Solutions to enable Simple & Easy Learning on a wide range of technical and non-technical subjects without any preconditions and impediments to succeed in a rapidly changing world.

The tech industry is evolving at an unprecedented pace, and Full-Stack Development is at the heart of this transformation. TutorialsPoint's Python Full Stack Intensive Training Program is designed to empower learners with in-depth expertise in full-stack development, ensuring career-ready proficiency.

YOU ARE JUST 6 MONTH AWAY FROM YOUR DREAM JOB

## We'll help you with A-to-Z

 Don't enroll if you are not ready to sweat

### Doubt Resolution

**Expert Assistance:** Get unlimited doubt resolution from 10:00 AM to 8:00 PM IST via text chat & Zoom.

#### 24x7 AI Support

Our AI assistant provides instant, step-by-step solutions anytime.

### Personal Mentorship

Receive dedicated mentorship with regular interventions to ensure timely submission of assignments.

Consistent progress tracking and career guidance.

### Resume Building

Build a strong resume with expert guidance.

Optimize your LinkedIn profile and get assistance in applying for jobs on top platforms.

Learn job search strategies to navigate the competitive market.

### Mock Interviews

#### Live Expert Interviews

Industry professionals conduct 7 mock interviews to refine your skills.

**AI-Based Interviews:** Practice unlimited times with our AI interviewer, receive scores and, improve with detailed feedback.

# Program Highlights



**Self-Paced Learning**  
180+ hours



**Placement Assistance**  
5 Assured Job Interviews  
(up to 15 LPA)



**Live Doubt-Solving**  
10 AM - 8 PM IST



**Coding Lab**  
Hands-on practice



**24x7 AI Support**  
24x7 Doubt Solving using  
well trained AI-Agent



**Monthly Webinars**  
Sessions with Industry Leaders



**Soft Skills Training**  
Communication & Workplace  
readiness



**Project Work**  
Capstone + 50 real-world  
projects



**Resume Building**  
Resume and LinkedIn  
Profile building

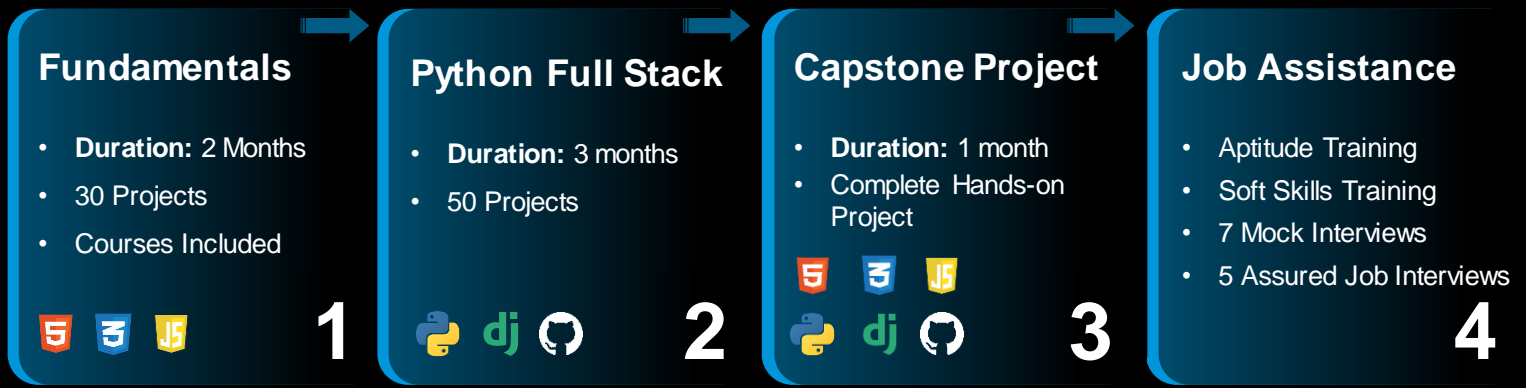


**Career Guidance**  
1:1 mentorship, 5 mock  
Interviews + 2 HR interviews

**We Deliver, What We Promise!**



# Our Approach



## Your Roadmap to Python Full Stack

### Step 1 — Study at Your Convenience

Master technical and power skills with 180+ hours of self-paced learning videos. No need to adjust to fixed schedules or crowded batches—learn anytime, anywhere.

### Step 4 — 1-on-1 Personal Mentorship

A dedicated mentor will call you weekly to track your progress, offer career guidance, and ensure you're on the right path to success.

### Step 2 — Expert & AI-Based Doubt Solutions

Stuck on a concept? Experts are available from 10 AM to 8 PM IST via chat and Zoom calls, while our AI-powered assistant is accessible 24/7 on your dashboard.

### Step 5 — Resume Building & Mock Interviews

Your personal mentor will help you in building an impressive professional resume. Our industry experts and HR will conduct your 7 mock interviews to make you rock solid to face the actual Industry Interviews.

### Step 3 — Exercises, Quizzes & Real-Life Projects

Practice to perfection using provided Exercises, Quizzes, and real life based Projects. Get immediate feedback for every activity you'll do in your dashboard.

### Final Step — Corporate Interviews

Once ready, we'll schedule interviews with 5 companies hiring Full Stack Python Developers, ensuring you get the best career opportunities.



# Who Should Enroll?



## Final-Year Students:

BTech, BCA, MCA & more



## Fresh Graduates:

From recognized institutes



## Professionals:

Transitioning to Python technologies



## Programming Enthusiasts:

Passionate learners

## Assessment Based Certification and Marksheet



# Certificate of Merit

is awarded to

on Achieving Grade **A** in Training in Python Full Stack Intensive Program



DATE \_\_\_\_\_

Verify this certificate at <https://verify.tutorialspoint.com>, using number:





## Job-Ready Skills

Gain expertise in full-stack development and build dynamic and scalable solutions. Acquire hands-on coding experience to work efficiently in development teams.



## Industry Exposure

Acquire a deeper understanding of best practices in industries with real-world projects. Gain practical insights about current industry trends in live sessions with industry leaders



## Career Growth

Prepare for roles such as Web Developer, Full-Stack Developer, Software Engineer, and Automation Engineer. Learn the necessary skills to transition into high-demand job roles.



## Global Demand & Opportunities

Enhance employability across industries like IT, Finance, healthcare, and e-commerce. Become well-prepared for global career opportunities.

# Your Trainers are Alumni of



# Our Learners work at





## Testimonials



**Namrata Hazarika**



“Python Full Stack Intensive Program” by TutorialsPoint is not only easy to learn But also incredibly engaging. The way concepts are delivered is simply outstanding, making complex topics feel effortless.

What I appreciate the most is TutorialsPoint’s support team, which promptly Resolves all my queries. The structured approach and hands-on projects have significantly improved my skills. Thank you, TutorialsPoint!



**Ashin Vincent**



I’m happy to announce that I am now a certified Python Full Stack Developer, thanks to TutorialsPoint. The program provided in-depth knowledge, covering everything from front-end to back-end development with real-world applications.

The courses are well-curated, and their guidance helped me build projects confidently. This course was the perfect way to kick-start my journey into full-stack development, and I look forward to applying these skills in my career!



**Yash Shrivastav**



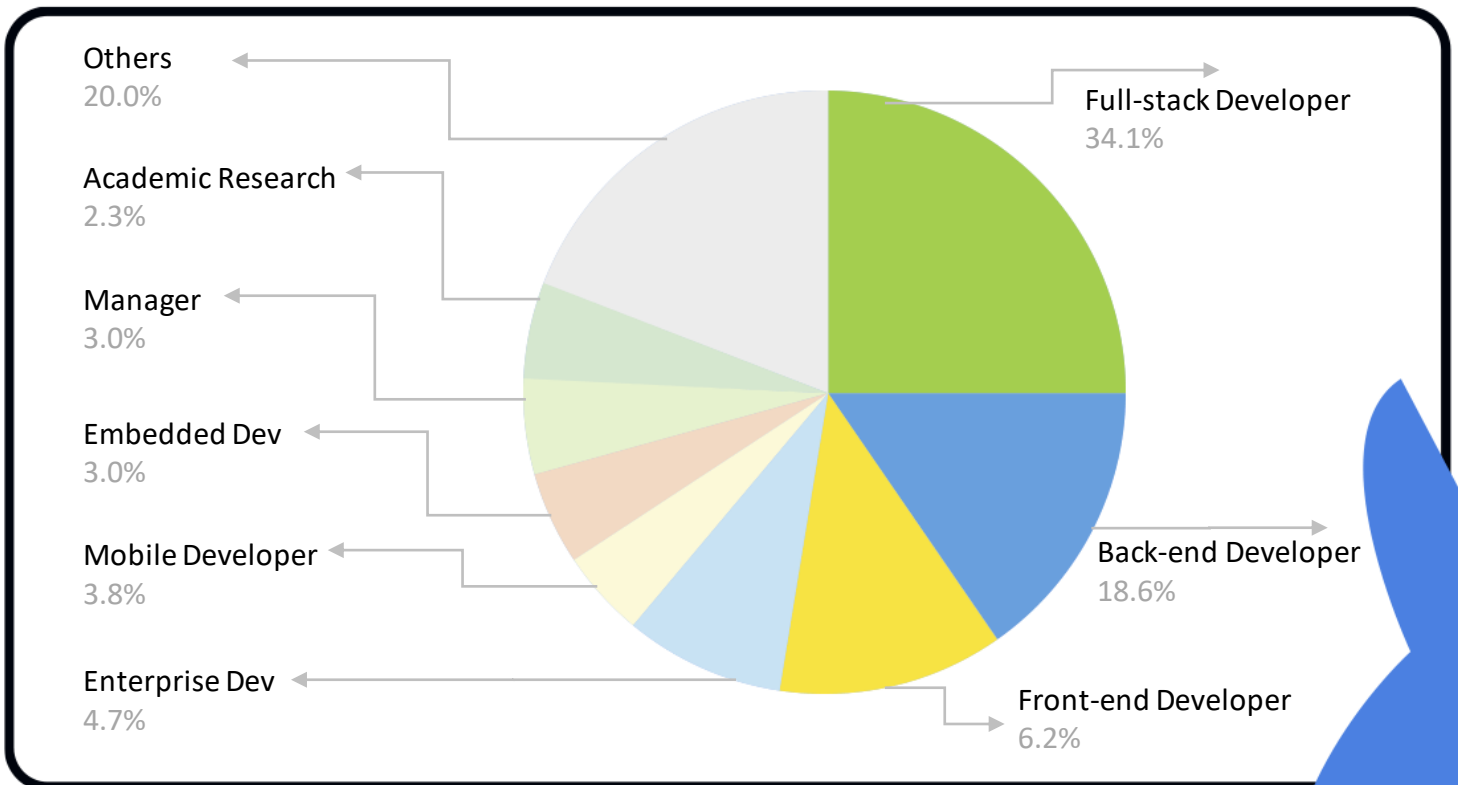
The Python Full Stack Intensive Program was a game-changer for me. The hands-on experience with tools like Django, SQL, Git, and JavaScript gave me a strong foundation in web development.

The course motivated me to think critically and solve problems in innovative ways. Thanks to TutorialsPoint, I have gained the confidence to build and deploy full-stack applications from scratch!



# Today Industry needs 60% Full Stack Python Developers

Source: Stack Overflow Dev Survey 2024



# Appendix I: Program Curriculum

## Week 1 | HTML fundamentals, structure, semantic elements

- Introduction of HTML
- Formatting, Quotations
- Hyperlinks
- Images
- Block Level and Inline Level Elements
- Table, Media, and Form
- Semantic Elements
- Mandatory points
- Exercise
- Projects
- Quizzes

## Week 2 | CSS basics, responsive design, animations

- CSS Fundamentals
- Typography
- Background and Images
- Responsive Web Design
- Transformation and Animations
- Advanced Topics and Libraries
- Testing and Conclusion
- Project - Responsive design
- Exercise
- Quizzes
- Projects

## Week 3 | Git & GitHub Learnings: Version control, GitHub workflows

- Introduction to Version Control System
- Git Basics
- Introduction to GitHub
- Branching and Workflows
- Git Practices and Tips
- Exercise
- Quizzes

## Week 4 | 5 Projects on HTML & CSS

- Project - Dad Jokes Generator
- Project - Photo Gallery
- Project - English Dictionary
- Project - Anime Pics Generator
- Project - Note App
- Exercise
- Quizzes

## Week 5 | JavaScript setup, basics, control, OOP, DOM.

- Setup Environment for JavaScript
- JavaScript Basics
- JavaScript Control Flow
- Functions, Objects & Arrays
- JavaScript DOM & Events
- Object Oriented Programming
- Exercise
- Quizzes
- Projects

## Week 6 | Advanced JS, OOP, and async operations with projects

- Project - Employee App using OOPs
- Regular Expressions (Regex)
- Modern JavaScript - [ES6 - ES10]
- Asynchronous JavaScript
- Project - Movie App using API
- Project - Jobs Portal
- Exercise
- Quizzes
- Projects

## Week 7 | React basics, components, state management.

- Introduction to React
- JSX Elements
- Component and Props
- State and Life Cycle Method
- Conditional Rendering List and Key
- React Form
- Higher Order Component
- Exercise
- Quizzes

## Week 8 | React hooks, routing, context API

- Render Props Pattern
- Context API
- React Hook
- React CSS
- React Router
- React Blog Project
- Exercise
- Quizzes

## Week 9 | Python installation, basics, functions, conditions

- Installation and Setup of Python
- Functions, Statements, Conditions
- Strings, Operators
- Exercise
- Quizzes

## Week 10 | Python Basics (Contd.)

- Lists, Tuples
- Sets, Dictionaries
- Exercise
- Quizzes

## Week 11 | Data Structures with Python

- Introduction to Data Structures
- Recursion
- Algorithm Runtime
- Array Implementation
- Sorting
- Exercise
- Quizzes

## Week 12 | Data Structures with Python (Contd.)

- Hashing
- Stack
- Queue
- Linked List
- Exercise
- Quizzes

## Week 13 | SQL

- Introduction to SQL
- DDL and DML Statements
- Data Integrity
- Querying the database
- Sort, Aggregate, Group and Filter
- Functions Joins
- SQL Query
- CASE, IF ELSE and Set Operators
- Writing Subqueries
- Common Table Expressions
- Stored Procedures
- Exercises
- Quizzes

## Week 14 | Python Intermediate

- Python basics recap
- Loops & Functions
- OOPs concepts
- Exercise
- Quizzes

## Week 15 | Python Intermediate (Contd.)

- Built-in modules in Python
- File and Exception Handling
- Using python packages(Numpy)
- Projects
- Exercise
- Quizzes

## Week 16

## Django

- Introduction to Django Framework
- Building Django Application
- URL Routing
- Views and templates

- Models and Databases
- Exercise
- Quizzes

## Week 17

## Django (Contd.)

- Forms and inputs
- Static Files and Media Handling
- Authentication and authorization

- Testing and Debugging
- Deployment
- Exercise
- Quizzes

## Week 18

## Django (Contd.)

- Setting up a Python development
- Django App with PostgreSQL

- Django Models and ORM
- Working with Admin Module



## Week 19 | Project using Django

- Django Views and Templates
- Django Forms and Design
- Registration forms - Real world
- Django Reports

## Week 20 | Django Rest framework

- Restful Architecture and API Design
- Django Rest Framework
- Authentication and permission
- Testing API
- Deployment API

## Week 21 | AI and ChatGPT

- Introduction to AI & ChatGPT
- About Prompts
- General Prompt Frameworks
- Business Ideas using AI
- Freelancing Ideas using A.I
- Health and Wellness using AI
- Learn Specific topics using ChatGPT
- Important Websites to optimize work
- Quizzes

## Week 22-26

- Capstone Projects
- Aptitude Test
- Soft Skills Training
- Mock Interviews
- Resume Building
- Job Placement



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