EaseInternZ

Intern Stump

EaseInternZ - An Intern Stump Product

Python Full Stack Development

This program designed to bridge the gap between academic learning and real-world application by offering participants hands-on training and exposure to the industry's practices, technologies, and challenges.

Domain:
Programming

Duration:
6 Months

Mode:
Online/In-Campus

Our Accreditions and Recognitions

#startupindia

NASSCOM®
Certified Member

MSME
सूक्ष्म, लघु एवं मध्यम उद्यम
MICRO, SMALL & MEDIUM ENTERPRISES
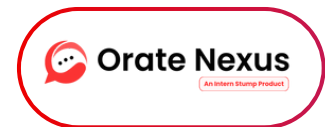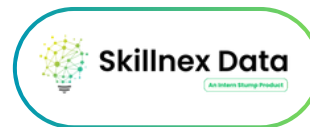
aws EdStart

Zoho for Startups

ANDHRA PRADESH
Innovation Society

About Intern Stump

Intern Stump was announced on 26th June, 2021 and launched on 8th July, 2021 on a mission to make education more accessible, engaging, and effective for everyone. We believe that learning should be a lifelong journey, and that everyone has the potential to succeed. At Intern Stump, We believe that everyone should have access to high-quality skill based education, regardless of their domain background or circumstances. That's why we offer a wide range of online trainings and programs for learners in all skill levels. Intern Stump provides high-quality learning resources that inspire, engage, and enable individuals to achieve their learning goals. We strive to create an inclusive and supportive learning environment where every student can thrive. Intern Stump offers a wide range of courses across various Domains, catering to the diverse interests and needs of our learners. we have come a long way in our journey to make education more engaging, accessible, and effective.

Intern Stump Products

Intern Stump offers EaseInternZ for live project training, SkillNex Data for analytics skills, FinTrack Skills for financial expertise, and Orate Nexus for communication and leadership development. These products provide focused upskilling in their respective areas to enhance career growth.

EaseInternZ — An Intern Stump Product

FinTrack Skills — An Intern Stump Product

Skillnex Data — An Intern Stump Product

Orate Nexus — An Intern Stump Product

About EaseInternZ

Welcome to EaseInternZ, your gateway to practical learning and real-world experience. As a proud product of Intern Stump, we are dedicated to transforming the way individuals gain skills and knowledge in today's competitive job market. Our platform is designed to bridge the gap between theoretical knowledge and practical application by offering training programs enriched with live projects and hands-on work experience.

EaseInternZ Programs

EaseInternZ is committed to empowering professionals with the knowledge and practical expertise needed to excel in today's fast-paced and competitive job market. We offer a comprehensive range of upskilling programs designed to enhance your skills across various financial and analytical domains. Our programs are complemented by hands-on Live Work Experience, ensuring that learners gain real-world knowledge that can be immediately applied in their careers. By combining theoretical learning with practical application, we equip you with the confidence and competencies required to stand out and advance in your career, making you an invaluable asset to organization.

Product Stages

Domain Training
Get Subject or Domain training by the Subject Matter Experts

Live Work Experience
Gain hands-on experience through real-world projects.

Interview Training
Interview preparation will be taken care by corporate HRs

Assessment
An Exclusive 8C assessment will be conducted by SMEs

Product Progress

4K+
Certified Learners

600+
Active Learners

08
Available Programs

15+
Partnered Colleges

15+
Recognitions

4.85
Average Rating

Python Full Stack Development

A Python Full Stack Programming program equips students and professionals with the skills needed to develop complete web applications. This comprehensive program covers essential topics such as building dynamic web pages, developing server-side applications, and integrating databases. Learners will gain knowledge of Python, Spring, HTML, CSS, JavaScript, Angular/React, RESTful APIs. This program designed to bridge the gap between academic learning and real-world application by offering participants hands-on training and exposure to the industry's practices, technologies, and challenges.

Stages in Program

Domain Training
Get Subject or Domain training by the Subject Matter Experts

Live Work Experience
Gain hands-on experience through real-world projects.

Interview Training
Interview preparation will be taken care by corporate HRs

Assessment
An Exclusive 8C assessment will be conducted by SMEs

Program Highlights

Online/In-Campus Training

6 Months Duration

Industry Led Project Training

Doubts Solving Sessions

Interview Preparation

Industry-Led Curriculum

Live Training

Exclusive Activities

Verified Certificate

Stage 1: Domain Training

Duration:
2 Months

Day Schedule:
3 Hours/ Day

01 Program Module

- Introduction to Python: History, features, and setting up the Python development environment.
- Basic Syntax: Variables, data types (int, float, string, list, tuple, dictionary), and operators.
- Control Structures: Conditional statements (if-else), loops (for, while), and list comprehensions.
- Functions: Defining functions, function arguments, return statements, and lambda functions.
- Error Handling: try-except blocks, raising exceptions, and debugging.

02 Program Module

- Classes and Objects: Creating classes, objects, attributes, and methods.
- Inheritance: Single, multiple inheritance, method overriding, and super().
- Polymorphism: Method overloading and operator overloading.
- Encapsulation and Abstraction: Private and protected members, data hiding.
- Magic Methods and Dunder Methods: init, str, repr, and others.

03 Program Module

- Built-in Data Structures: Lists, tuples, sets, dictionaries, and advanced operations.
- User-Defined Data Structures: Stacks, queues, linked lists, and hashmaps.
- Sorting Algorithms: Bubble sort, merge sort, quicksort, and their Python implementations.
- Searching Algorithms: Linear and binary search, algorithmic complexity analysis.
- Recursion: Recursive functions and solving problems using recursion.

Stage 1: Domain Training

Duration: **2 Months**

Day Schedule: **3 Hours/ Day**

04 — Program Module

- HTML Basics: Structure of web pages, elements, attributes, forms, and links.
- CSS Essentials: Styling pages, selectors, box model, flexbox, and grid.
- JavaScript Basics: Variables, data types, functions, and DOM manipulation.
- Responsive Design: Media queries, Bootstrap for creating responsive web pages.
- Introduction to AJAX and JSON: Making asynchronous HTTP requests using JavaScript.

05 — Program Module

- Introduction to React/Angular: Components, JSX (React), and Directives (Angular).
- State and Props in React / Data Binding in Angular: One-way and two-way data flow.
- Routing and Navigation: React Router or Angular Router for single-page applications.
- Forms and Validations: Handling forms and implementing form validation.
- State Management: Context API and Redux (React) / Services and Dependency Injection.

06 — Program Module

- Introduction to Flask/Django: Setting up the environment and understanding MVC architecture.
- Routing: URL routing, handling requests and responses.
- Templates: Dynamic content rendering using Jinja2 (Flask) or Django templates.
- Connecting to relational databases (SQLite/MySQL/PostgreSQL) using ORM.
- RESTful APIs: Building APIs, CRUD operations, and JSON responses.

Stage 1: Domain Training

Duration:
2 Months

Day Schedule:
3 Hours/ Day

07   Program Module

- SQL Basics: Creating, reading, updating, and deleting data with SQL (CRUD operations).
- Advanced SQL: Joins, transactions, indexing, and stored procedures.
- NoSQL Databases: Introduction to MongoDB, its use cases, and operations.
- (Flask)/Django ORM: ORM basics, queries, connecting databases to Python applications.
- Database Optimization: Indexing, caching, and query optimization techniques.

08   Program Module

- Version Control with Git: Git basics, GitHub, and managing repositories.
- Docker for Containerization: Creating Dockerfiles, images, and running containers.
- CI/CD Pipelines with Jenkins: Automating deployment with Jenkins, Git integration.
- Cloud Deployment: Deploying Python applications on AWS, Heroku, or DigitalOcean.
- Implementing monitoring and scaling strategies for applications in production.

09   Program Module

- Working with the Introduction Chapter Including Objectives, Need for the study and etc.
- Working with the Industry Profile and Company Profile Chapter
- Working with the Theoretical Framework Chapter
- Working with the Results and Discussion or Data Analysis Chapter
- Working with the Findings, Suggestions and Conclusion Chapter

Stage 2: Interview Training

Duration:
1 Month

Day Schedule:
3 Hours/ Day

01 Program Module

- **Just A Minute Sessions:** JAM (Just A Minute) sessions are dynamic training activities that improve communication and public speaking skills. Participants are challenged to speak on a given topic for one minute without hesitation or repetition. These sessions help build confidence, enhance quick thinking, and sharpen articulation, making them a valuable exercise for personal and professional development.

02 Program Module

- **Mock Interviews:** Mock interview preparation is an essential practice to enhance interview skills and boost confidence. It simulates real interview scenarios, allowing candidates to practice responding to common questions, handling pressure, and refining communication techniques. This exercise helps identify areas of improvement, providing valuable feedback to improve performance, and increase the chances of success in actual interviews.

03 Program Module

- **Presentation Activities:** Presentation activities are designed to enhance communication, public speaking, and presentation skills. Participants prepare and deliver presentations on various topics, helping them build confidence in expressing ideas clearly and engagingly. These activities focus on improving content organization, visual aids usage, body language, and voice modulation, making them crucial for professional and academic success.

Stage 2: Interview Training

Duration:
1 Month

Day Schedule:
3 Hours/ Day

04 Program Module

- **Group Discussion Preparation:** Group discussions are interactive sessions that foster effective communication, teamwork, and critical thinking. Participants engage in conversations on a specific topic, sharing perspectives and analyzing various viewpoints. These discussions help improve listening skills, articulate ideas clearly, and develop the ability to collaborate. They are essential for building confidence, leadership, and problem-solving abilities in a group setting.

05 Program Module

- **Resume Building Session:** Resume enhancement sessions focus on improving the structure, content, and overall presentation of resumes. Participants receive personalized feedback on how to highlight their skills, achievements, and experience effectively. These sessions also provide guidance on tailoring resumes to specific job roles, optimizing keywords for Applicant Tracking Systems (ATS), and creating a professional and compelling first impression.

06 Program Module

- **Mock E2E Interview Session:** End-to-end mock interview sessions simulate the entire interview process, providing a thorough preparation experience. Candidates go through each stage, from resume screening and initial interviews to technical and behavioral rounds. These mock sessions include real-time feedback on communication, problem-solving skills, and interview techniques, helping participants gain confidence and refine their responses for actual job interviews.

Stage 3: Live Work Experience

Duration:
3 Months

Day Schedule:
3 Hours/ Day

01 Program Module

- **Personal Expense Tracking System:** A system that allows users to monitor and manage their finances by recording income and expenses. Users can input financial transactions and categorize them for better organization. The system provides financial summaries and visualizations to help track spending patterns and savings. Developed using Python, this tool offers a user-friendly interface for efficient personal finance management.

02 Program Module

- **Task Management:** The Task Management application enables users to create, edit, and delete tasks with ease. Built using Python, it features a simple interface for adding new tasks, setting deadlines, and organizing tasks by priority. Users can also mark tasks as complete or pending, and view their task lists. This tool helps improve productivity and task organization by using Python and other programming languages.

03 Program Module

- **Weather Data Management:** The Weather Data Management system retrieves and displays current weather information for any location. Users can input a city or coordinates to get real-time weather updates, including temperature, humidity, and weather conditions. Developed using Python, this application pulls data from weather APIs and presents it in a user-friendly format. It's useful for tracking weather patterns and planning activities.

Stage 3: Live Work Experience

Duration:
3 Months

Day Schedule:
3 Hours/ Day

04 Program Module

- **Quiz for E-Learning:** The Quiz for E-Learning platform allows users to take quizzes, answer questions, and receive scores at the end. Designed for educational purposes, it provides immediate feedback on performance and tracks quiz results. The system is built with Python and offers a simple interface for students to engage in interactive learning and assess their knowledge using Python and other programming languages.

05 Program Module

- **Library Management System:** The Library Management System tracks books, users, and loan statuses efficiently. Users can add new books, check them out, return them, and view current book statuses. Built using Python, it manages library operations through a simple interface that helps librarians and patrons keep track of book availability and borrowing activities. This system streamlines library management and enhances the user experience.

06 Program Module

- **Personal Blogging:** The Personal Blogging platform allows users to write, edit, and publish blog posts. Utilizing Python with Flask or Django for the backend, and HTML/CSS for the frontend, it offers a robust system for managing content. Users can create posts, format them with rich text, and publish them on a personal blog. This platform supports content management and online presence building.

EaseInternZ Program Fee

Program Fees

Scan to get Fee Details

✓ 6 Months Validity

✓ Live Training Sessions

✓ Doubts Solving Sessions

✓ Project Preparation Assistance

✓ Free Webinars and Workshops

✓ Placement Assistance

✓ Certificate of Completion
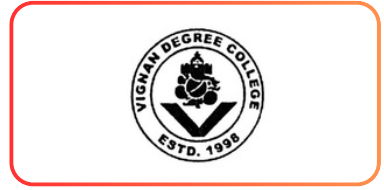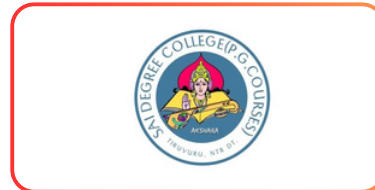
✓ Live Work Experience

Scan to get Program Schedule

Why Intern Stump Product?

✓ Affordable Prices compared to any other Ed-Tech Company

✓ Industry Recognized Certificate

✓ Startup India Recognised Ed-Tech Company

✓ An ISO 9001:2015 and 21001:2018 Certified Company

✓ Exclusive Doubts Solving Sessions with Experts

✓ Live Work Experience for 3 Months

✓ Work Experience Certificate on the Domain

✓ Live Training by the Industry and Subject Matter Experts

✓ Free Resources and Exclusive Webinars by Industry Experts

✓ User Friendly LMS and Website, 24/7 Support from Intern Stump Team

Scan to get more details

Intern Stump Partners

Scan to get more details

Contact Us - Intern Stump

📞 +91 7396168247

✉️ info@easeinternz.com - lms@easeinternz.com

🌐 https://easeinternz.com

📍 SS Towers, Vissannapeta-521215, NTR District, A.P. IN.

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