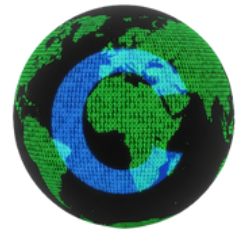
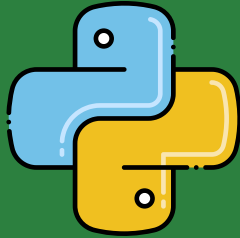


# FULLSTACK PYTHON PROGRAMMING

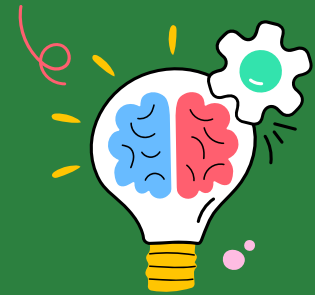


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## STEP IN TO PYTHON PROGRAMMING

*Python is one of the easiest and most powerful languages for beginners.*



## GET TRAINED GET PLACED

*Hands-on training with real projects  
Boost your career and land your dream job*



# TABLE OF CONTENTS

01.

## PYTHON PROGRAMMING FUNDAMENTALS

*Python Programming Fundamentals cover basics like syntax, variables, data types, operators, control structures, loops, functions, modules, file handling, exceptions, and object-oriented programming, building a strong foundation for web development and advanced applications*

02.

## PYTHON FOR WEB DEVELOPMENT

*Python for Web Development uses frameworks like Django and Flask to build dynamic, secure, and scalable web applications. It simplifies backend logic, database integration, API creation, and supports modern front-end connectivity*

03.

## FRONT-END DEVELOPMENT

*Front-End Development focuses on building user interfaces using HTML, CSS, JavaScript, and frameworks like React. It ensures responsive design, interactive experiences, and seamless API integration for dynamic, engaging, and user-friendly web applications*

04.

## DATABASES & DATA HANDLING

*Databases & Data Handling cover Relational (MySQL/PostgreSQL) and NoSQL (MongoDB), CRUD operations, models, migrations, indexing, and query optimization, enabling efficient data storage, retrieval, and management for full-stack Python applications.*

05.

## VERSION CONTROL & DEPLOYMENT WITH ADVANCED TOPICS

*Learn Git & GitHub for collaboration, CI/CD pipelines, and deploy projects using Docker, Heroku, AWS, or Azure. Explore advanced concepts like WebSockets, JWT/OAuth authentication, security best practices, and testing with PyTest. Gain expertise in performance optimization, cloud hosting, and real-time applications for professional full-stack development.*

