

Personalized Study Roadmap

Remember, consistency is key to mastering new skills. Believe in yourself and stay dedicated. You can do this!

Week

- Learn the basics of a backend language such as Python, Node.js, or Ruby. You can use online resources like Codecademy, Udemy, or freeCodeCamp.
- Start with a gentle introduction, focusing on syntax, variables, data structures, and control flow.
- Complete beginner-friendly projects like a simple web scraper or a command-line application that manipulates data.

Weeks 3-4:

- Learn about request-response cycles, HTTP methods, and status codes.
- Familiarize yourself with a web framework in your chosen language (Django, Flask, Express.js, Ruby on Rails, etc.).
- Create a simple REST API with CRUD operations (Create, Read, Update, Delete).
- Test your API using tools like Postman or Insomnia.

Weeks 5-6:

- Learn about databases and SQL. Understand the basics of data modeling, tables, and relationships.
- Implement a simple database using SQLite or PostgreSQL.
- Interact with your database using Object-Relational Mapping (ORM) tools provided by your web framework.
- Extend your REST API to include database interactions.