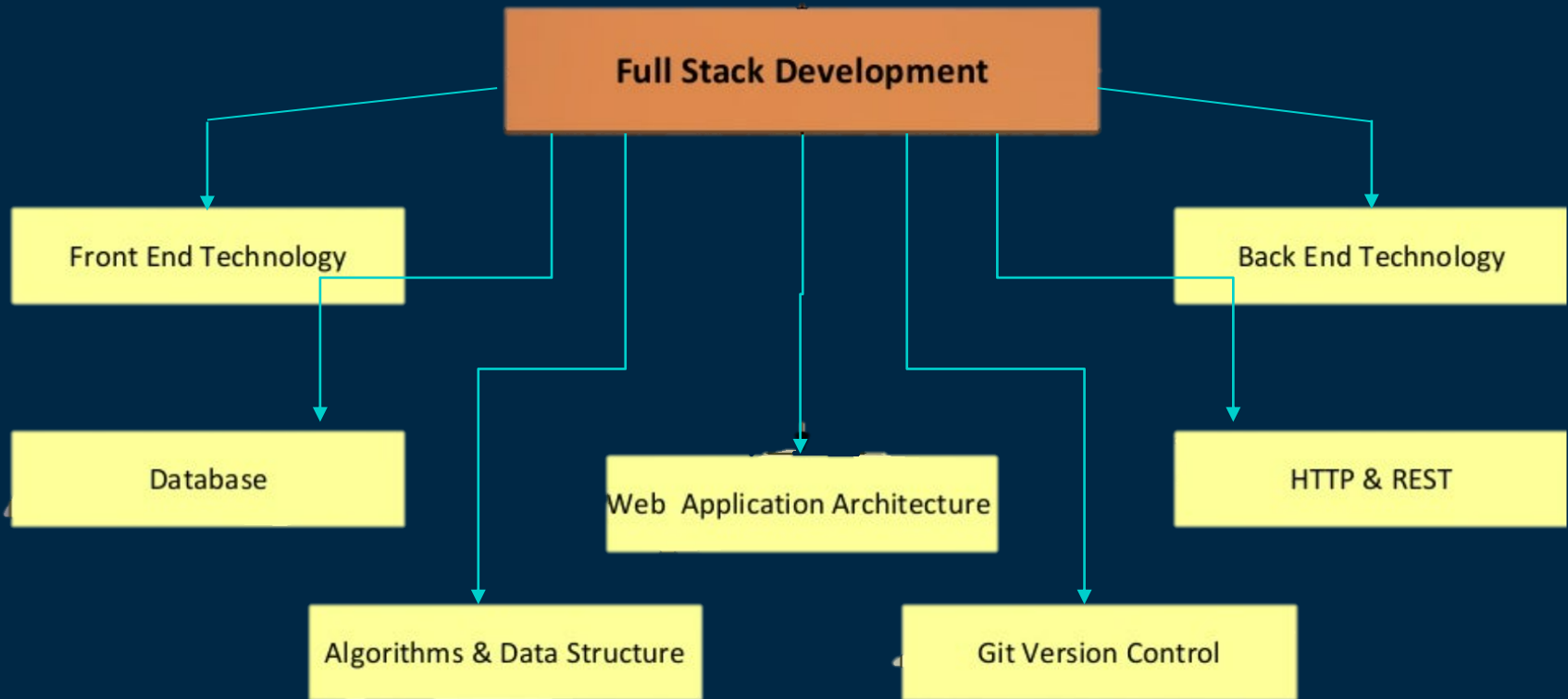
The background is a dark blue gradient. It is decorated with various geometric elements: small squares in white, teal, orange, and pink, and thin white vertical lines of varying lengths. These elements are scattered across the frame, creating a modern, tech-oriented aesthetic.

# ROADMAP OF FULL-STACK DEVELOPMENT



# FRONT-END TECHNOLOGIES

- ❖ HTML
- ❖ CSS
- ❖ JavaScript Libraries: jQuery, ReactJs
- ❖ Frameworks: Angular, Vue
- ❖ CSS Frameworks: Tailwind, Bootstrap



# BACK-END TECHNOLOGIES

- ❖ NodeJs
- ❖ Express
- ❖ Python (Django, Flask)
- ❖ PHP
- ❖ Ruby on Rails



# DATABASE TECHNOLOGIES

- ❖ MySQL
- ❖ MongoDB
- ❖ SQLite



# VERSION CONTROL TECHNOLOGIES



GIT & GITHUB



# POPULAR TECH-STACKS

- ❖ **MERN** Stack: MongoDB, Express, React, Node.Js
- ❖ **MEAN** Stack: MongoDB, Express, Angular, Node.Js
- ❖ **LAMP** Stack: Linux, Apache, MySQL, PHP



# Node.JS RESOURCES

1. Download Node.JS: <https://nodejs.org/en/download/>
2. CodeWithHarry: <https://www.youtube.com/watch?v=BLI32FvcdVM>
3. Node.Js Crash Course Playlist:  
<https://www.youtube.com/watch?v=zb3Qk8SG5Ms&list=PL4cUxeGkcC9jsz4LDYc6kv3ymONOKxwBU>
4. Node.Js in an hour: [https://www.youtube.com/watch?v=TIB\\_eWDSMt4](https://www.youtube.com/watch?v=TIB_eWDSMt4)
5. Thapa Technical:  
<https://www.youtube.com/watch?v=IipiLZGTWuo&list=PLwGdqUZWnOp00IbeN00tL9dmnasipZ9x8>



# Express.JS RESOURCES

1. CodeWithHarry: [https://www.youtube.com/watch?v=7H\\_QH9nipNs](https://www.youtube.com/watch?v=7H_QH9nipNs)
2. Learn Express in 35 min: <https://www.youtube.com/watch?v=ScsSCuHhOw0>
3. Express Crash Course: <https://www.youtube.com/watch?v=L72fhGm1tfE>

# React.JS RESOURCES

1. CodeWithHarry: <https://www.youtube.com/watch?v=RGKi6LSPDLU&t=6372s>
2. ReactJs Crash Course: <https://www.youtube.com/watch?v=w7ejDZ8SWv8>
3. ReactJs For Beginners: <https://www.youtube.com/watch?v=Ke90Tje7VSO&t=135s>

# MongoDB RESOURCES

1. [MongoDB Atlas Documentation: https://docs.atlas.mongodb.com/getting-started/](https://docs.atlas.mongodb.com/getting-started/)
2. [CodewithHarry: https://www.youtube.com/watch?v=oSlv-E60NiU](https://www.youtube.com/watch?v=oSlv-E60NiU)
3. [MongoDB Youtube Channel: https://www.youtube.com/user/MongoDB](https://www.youtube.com/user/MongoDB)
4. [MongoDB Crash Course: https://www.youtube.com/watch?v=-56x56UppqQ](https://www.youtube.com/watch?v=-56x56UppqQ)
5. [MongoDB Crash Course 2: https://www.youtube.com/watch?v=ofme2o29ngU](https://www.youtube.com/watch?v=ofme2o29ngU)

# YouTube Channels For Web Development

1. [CodewithHarry](#)
2. [Traversy Media](#)
3. [Web Dev Simplified](#)
4. [Programming with Mosh](#)
5. [JavaScript Mastery](#)
6. [The Net Ninja](#)
7. [Lama Dev](#) (Quite good for projects)
8. [freeCodeCamp.Org](#)
9. [Kevin Powell](#) (Specifically for CSS)
10. [MongoDB](#)

# YouTube Channels For Web Development

1. DesignCourse (For UI-UX)
2. Online Tutorials (For fun CSS tutorials)
3. codeSTACKr

# FUN APIs for your projects

Go through these blogs and articles

1. <https://www.geeksforgeeks.org/10-interesting-apis-to-consider-for-projects/>
2. <https://learn.vonage.com/blog/2021/03/15/the-ultimate-list-of-fun-apis-for-your-next-coding-project/>
3. <https://dev.to/biplov/15-fun-apis-for-your-next-project-5053>
4. <https://betterprogramming.pub/a-curated-list-of-100-cool-and-fun-public-apis-to-inspire-your-next-project-7600ce3e9b3>

# THE PROCESS

Front-End & Version  
Control

Database

Back-End

HTTP & REST



# Tips for better development

1. Read documentation of whatever you are using in your project.
2. Read Blogs.
3. Watch multiple tutorials and decide what suits best for you.
4. Subscribe to youtube channels provided, as they share quick tips on shorts.
5. Make project to learn any specific technology.
6. Learn to google your doubts properly. :)



The background is a dark blue field decorated with various geometric elements. There are several thin white vertical lines of varying lengths. Scattered throughout are small squares in teal, pink, and orange. Some of these squares are solid, while others are outlined in white. The text is centered and consists of two lines: the first line is in white and the second line is in orange.

It is not that hard.  
YOU GOT THIS!