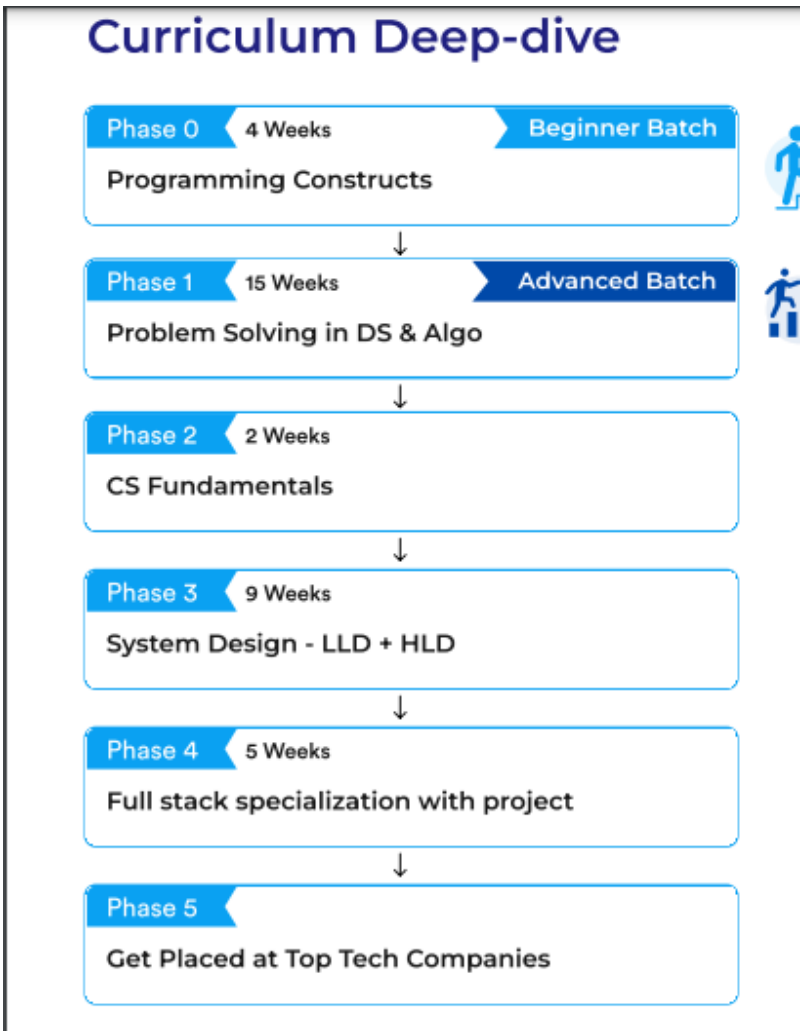
Curriculum Deep-dive



Basics of Programming, Condition Statement	1 Week
Loops, Pattern Problems, Functions	1 Week
1D Array, Number System & Maths	1 Week
Intro to Data Structure, Time Complexity - basic strings	1 Week

Time Complexity, Arrays, Strings, Maths, Bit Manipulation, Binary Search, 2 Pointer	3 Weeks
Recursion, Hashing, Sorting	3 Weeks
Stacks, Queues, Linked Lists, Trees, Tries, Segment Tree, Heap	4 Weeks
Geedy, Dynamic Programming, Graphs, Advance Data Structures	5 Weeks

Databases	1 Week
Computer Networks	1 Week
Operating System	

Low level Design - OOPS, Design pattern, UML Diagram, schema design, Design problem, Machine coding	3 Weeks
High Level Design - Architecture Design, Distributed system, load balancing, consistent hashing, caching, Transactions, SQL vs NOSQL, Distributed queues, Mircoservices, Real Life case studies	6 Weeks

Building a server, Intro to MVC	1 Week
Web architecture, HTML, CSS, JavaScript, Node JS, Backend Architecture, Django DB, React/Reduc	2 Weeks
Database, creating modules, data access layers, controllers, views, creating mircoservice.	1 Week
Deployment on AWS, Security	1 Week

1. Building a story profile
   - Resume Creation
   - LinkedIn profile optimization
   - Profile creation on other platforms

2. Applying the right way
   - Opportunities through Bosscoder Collaboration with 100+ tech companies
   - Referral to almost all the top product companies
   - Sharing hiring requirement of different companies

3. Acing the interview
   - On Demand Mock interviews
   - Offline & Online Interview Guidelines
   - Salary Negotiation