

Job Roles

1. Software Engineer – Steps 1 to 7
2. System Engineer – Steps 1,2 & 5 to 7
3. Game Developer – Steps 1,2 & 5 to 7
4. Software Developer – Steps 1 to 7

5. Java Developer – Steps 1 to 7
6. API Developer – Steps 1,2 & 4 to 7
7. Android Developer – Steps 1,2 & 4 to 7

Roadmap-SDE Service Based Companies

Recruitment-Process

1. Aptitude round
2. Coding round
3. Technical Interview
4. HR Interview

Aptitude-Round

1. Quantitative Aptitude
2. Logical Reasoning
3. Verbal Ability
4. CS-Fundamental
5. Programming/ Coding

Quantitative-Aptitude

- Arithmetic, Algebra, Geometry
- Number System, Profit & Loss
- Data Interpretation & Probability
- Time, Speed, Distance, & Work
- Simple & Compound Interest
- Permutation & Combination
- Percentage, Partnership, Calendar
- Problems on Ages, Numbers, Train

Logical-Reasoning

- Analogy, Cause and Effect
- Number, Letter, Symbol Series
- Verbal Reasoning & Classification
- Statement and Assumption
- Statement Argument and Conclusion
- Analyzing Arguments & Judgments
- Logical Deduction, Course of Action
- Logical Problems & Games

Verbal-Ability

- Antonyms, Synonyms, Spellings
- Spotting Errors, Comprehension
- Sentence Formation, & Correction
- Sentence Improvement, Closet Test
- Verbal Analogies, Selecting Words
- Change of Voice & Speech
- Ordering of Sentences
- Idioms and Phrases
- One Word Substitutes

Coding-Round

- Online Test: (2 - 3 Questions)
C (Array, String, Function, Pointers)
- Websites for Practice:
[PrepInsta](#) / [Sanfoundry](#) / [GeeksforGeeks](#) / [TalentBattle](#)
[Hackerrank](#) / [Medium](#) / [w3schools](#)

CS-Fundamentals

- Practical: (Working-Knowledge)**
- OOPs with C++/JAVA/Python
 - Structured Query Language (SQL)
- Theory: (Concepts)**
- DBMS, OS, CN & AIML , DLData Structures & Algorithms

Contents/ Resources

Books:

- RS Aggarwal/Arjun Sharma (Level-2)

Websites:

- [IndiaBIX](#) / [m4maths](#) / [Hitbullseyes](#)
- [GeeksforGeeks](#) / [Freshersworld](#)
- [PrepInsta](#) / [FACE Prep](#)
- [JavaTpoint](#) / [Tutorials](#) / [points](#)

Hiring-Platforms

- On-Campus/ Off-Campus
- AMCAT/CoCubes/eLitmus
- TCS(NQT)/Cognizant (GenC)
- Infosys(InfyTQ)/ Wipro(NTH)
- Tech Mahindra (NxtStep)

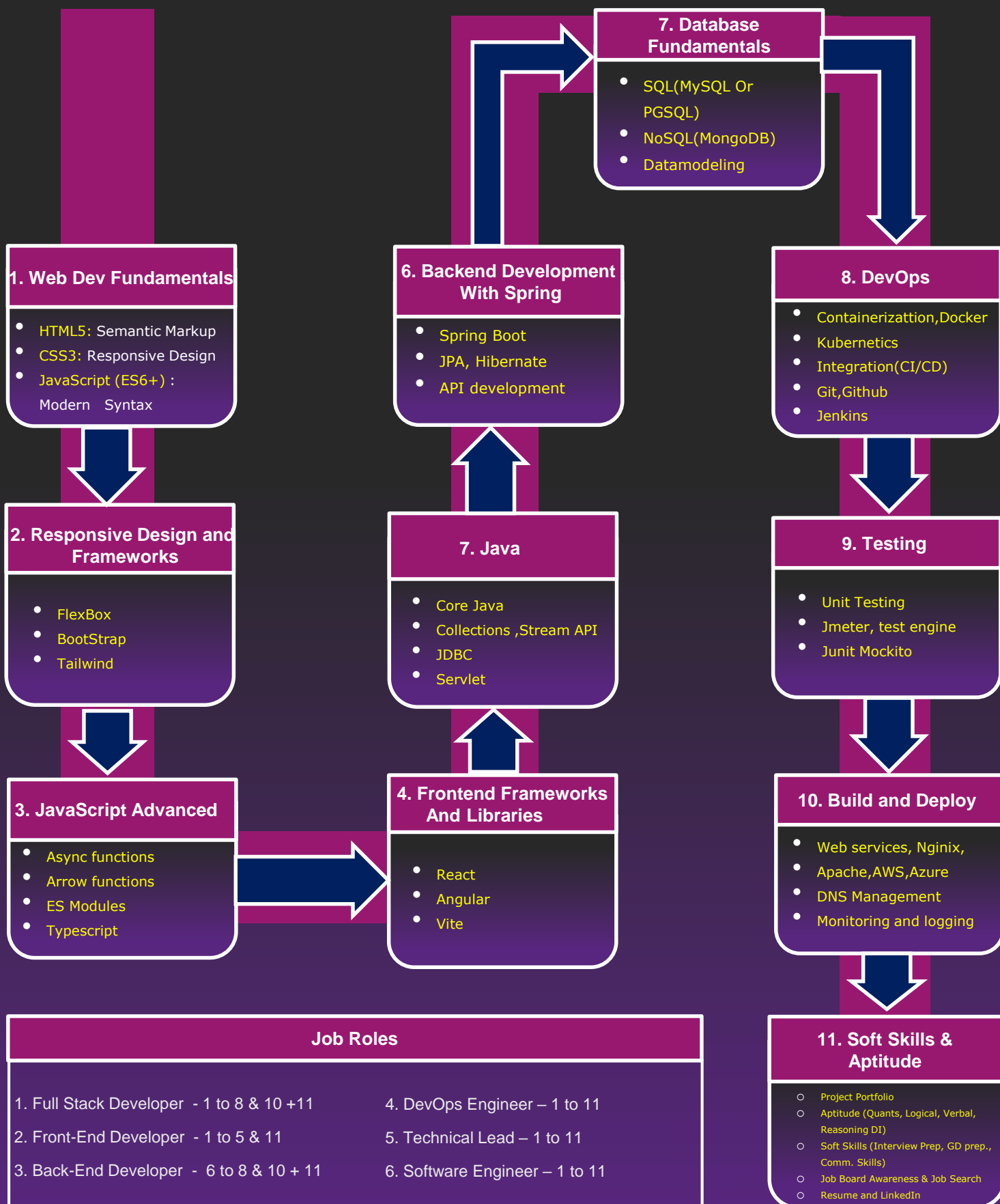
Job - Roles

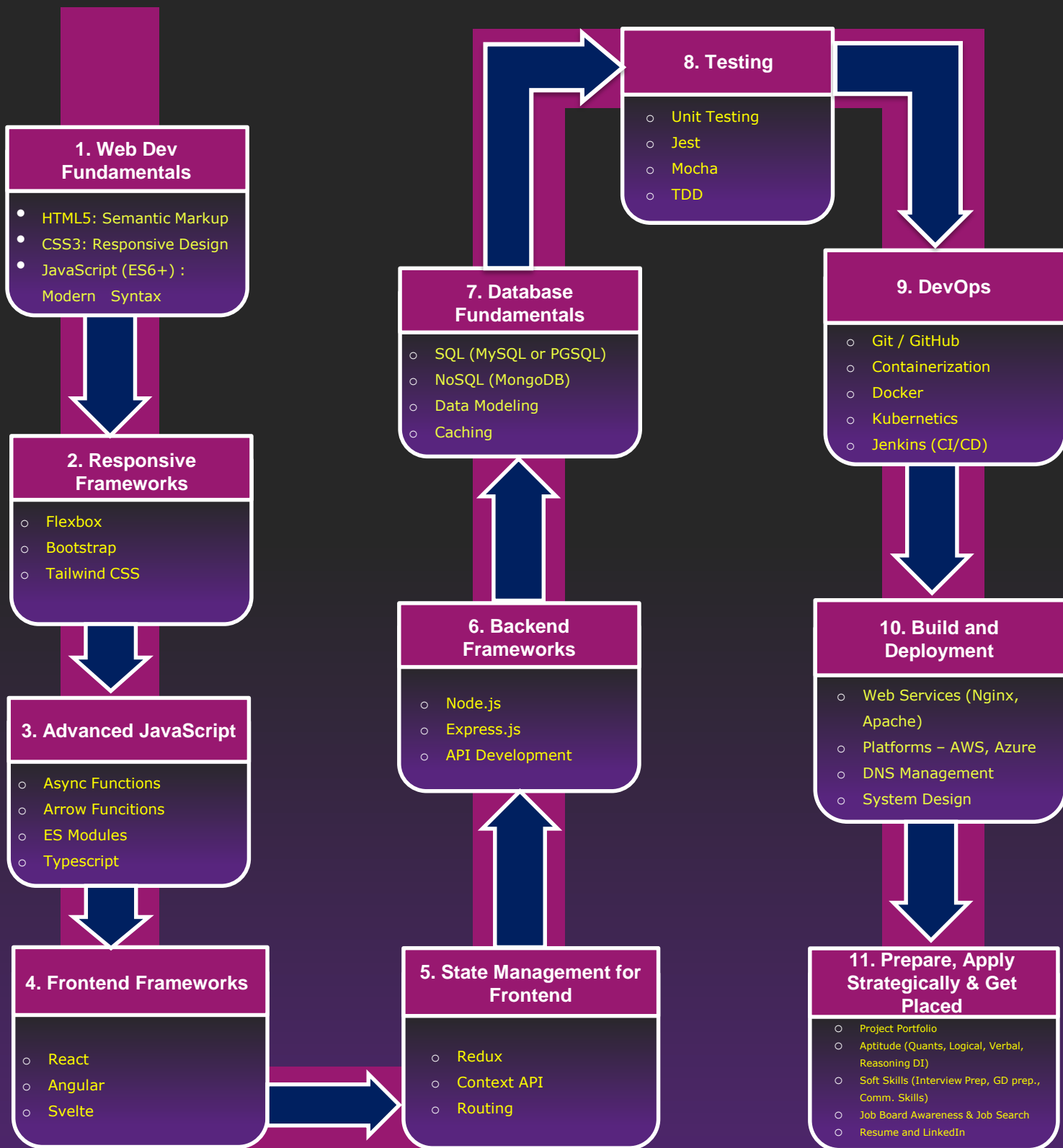
Technical: (Core-Development)

- Software Developer/ Engineer
- Graduate Trainee/Entry-level
- System Analyst
- Database Administrator (DBA)

Non-Technical:

- Quality Assurance/Test Engineer
- Network Engineer
- Technical Support Engineer





Job Roles

1. Full Stack Developer - 1 to 8 & 10 to 11
2. Front-End Developer - 1 to 5 & 11
3. Back-End Developer - 6 to 8 & 10 to 11

4. DevOps Engineer – 6 to 11
5. Web Developer - 1 to 8 & 10 to 11
6. Software Engineer – 1 to 11

7. UI/UX Developer – 1 to 5 & 11
8. Solution Architect – 6 to 11

