

				upGrad - Full Stack(MERN Stack) Course					
Course 1: Fundementals of Java Language							YouTube Links		
1. Introduction to Java							https://www.youtube.com/watch?v=86bISle1Af4		
2.Operators & Conditionals							https://www.youtube.com/watch?v=tf-fNHDFuLo		
3.Loops & Methods							https://www.youtube.com/watch?v=neQysfHt5rE		
4.Strings and Arrays							https://www.youtube.com/watch?v=jmvfUYmmj8Q		
5.Revision Session - Foudations of Programming - I							https://www.youtube.com/watch?v=WF4mVGJlI3o		
6.Revision Session - Foundations of Programming - II							https://www.youtube.com/watch?v=coaDcPb3AR8		
Course 2: Object-Oriented Analysis, Design & Programming									
1.Version Control System - Git							https://www.youtube.com/watch?v=DYdN3mhM3cA		
2. Object-Oriented Analysis & Design							https://www.youtube.com/watch?v=IUI7IWPS2NE		
3.Revision Session 1							https://www.youtube.com/watch?v=BAtN9Nd4kqg		
4.Interview Prep 1							https://www.youtube.com/watch?v=YIADV9e6WBs		
5.Object-Oriented Programming - Abstraction							https://www.youtube.com/watch?v=f1fNc5SPooc		
6.Object-Oriented Programming - Encapsulation							https://www.youtube.com/watch?v=KMw9rqZ_Tmc		
7.Object-Oriented Programming - Inheritance							https://www.youtube.com/watch?v=EA_x_CzywDM		
8.Object-Oriented Programming - Polymorphism							https://www.youtube.com/watch?v=xFJT4TERRGA		
9.Revision Session 2							https://www.youtube.com/watch?v=KKQiKPomQcg		
10.Interview Prep 2							https://www.youtube.com/watch?v=GjzdvaWnukc		
Course 3: Data Structures and Algorithms									
Problem Solving									
1.Analysis of Algorithm							https://www.youtube.com/watch?v=mrMpxk8SMmM		
2.Bit Manipulation							https://www.youtube.com/watch?v=JIMGKWLGMx8		
3. Mathematics							https://www.youtube.com/watch?v=IsUEoxgiu1k		
4.Revision Session 1							https://www.youtube.com/watch?v=i4EytDw0M8k		
5.Interview Prep 1							https://www.youtube.com/watch?v=j70fQMj1D58		
6.Recursion							https://www.youtube.com/watch?v=uKEp6-GtcZo		
Building Blocks									
7.Arrays							https://www.youtube.com/watch?v=tVrNfgSO-u0		
8.Searching Algorithms							https://www.youtube.com/watch?v=mCHOWeuCXf8		
9.Revision Session 2							https://www.youtube.com/watch?v=UTDJd_46GtQ		
10.Interview Prep 2							https://www.youtube.com/watch?v=BfeEtgAKzBE		

11. Basic Sorting Algorithms					https://www.youtube.com/watch?v=fh5tA-2AXmY		
12. Advanced Sorting Algorithms					https://www.youtube.com/watch?v=G8ydEPz-C08		
Elementary Data Structures							
13. Singly Linked List					https://www.youtube.com/watch?v=bJ14Q0y4K0M		
14. Doubly and Circular Linked List					https://www.youtube.com/watch?v=u6l9ugklea8		
15. Stacks					https://www.youtube.com/watch?v=vEcGzhoGLAo		
16. Revision Session 3					https://www.youtube.com/watch?v=2XPdZK9_oIU		
17. Interview Prep 3					https://www.youtube.com/watch?v=OPvNgcNxGYc		
18. Queues					https://www.youtube.com/watch?v=KI7Z-II-QK0		
Advanced Data Structures							
19. String					https://www.youtube.com/watch?v=SUqb8ejyDrM		
20. Trees					https://www.youtube.com/watch?v=q2w7UYuzo8g		
21. BST 1					https://www.youtube.com/watch?v=tAMtqT2Z4Pc		
22. BST 2					https://www.youtube.com/watch?v=C-k1cm54gu8		
23. Revision Session 4					https://www.youtube.com/watch?v=JFULaSEiLBs		
24. Interview Prep 4					https://www.youtube.com/watch?v=Ba9k_FuW_SI		
Course 4 : Introduction to Web Development							
1. Network Elements and Types of Network					https://www.youtube.com/watch?v=kPWXuYwH0Vw		
2. Network Models					https://www.youtube.com/watch?v=bH8WBM4AD7E		
3. Revision Session 1					https://www.youtube.com/watch?v=udf3kpquls8		
HTML							
4. Introduction to HTML					https://www.youtube.com/watch?v=yBa4jPd0dEM		
5. HTML Elements					https://www.youtube.com/watch?v=Ctxy_wynlPE		
6. HTML Forms					https://www.youtube.com/watch?v=rXfs7187kXU		
HTML5					https://www.youtube.com/watch?v=cx-MkgODWCY		
					https://www.youtube.com/watch?v=atZ2bQSjd70		
CSS							
7. Introduction to CSS					https://www.youtube.com/watch?v=KRtOY5WLNJQ		
8. CSS Box Model					https://www.youtube.com/watch?v=GJKchqvOeKo		
9. Revision Session 2					https://www.youtube.com/watch?v=BUZKnE9wRQs		
10. CSS Layouts CSS Combinators and Pseudo elements					https://www.youtube.com/watch?v=hRqX1CJnLTA		
11. Revision Session 3					https://www.youtube.com/watch?v=Rqy3cNlIRys		
12. CSS Flexbox and CSS Grid					https://www.youtube.com/watch?v=LK8qltYypCo		

13.CSS Animations						https://www.youtube.com/watch?v=vkKhMi0-hHo		
Bootstrap								
14.Bootstrap						https://www.youtube.com/watch?v=3DIG7pWPGSc		
15.Revision Session 4						https://www.youtube.com/watch?v=vLmXXay8Vgw		
Quantitive Aptitude and Reasoning Phase-1								
1.Quantitative & Verbal Ability						https://www.youtube.com/watch?v=84SLHJkJXsc		
2.Quantitative & Verbal Ability						https://www.youtube.com/watch?v=ijP_hN_ZEx4		
3.Quantitative & Verbal Ability						https://www.youtube.com/watch?v=KJgy30QVGL8		
4.Quantitative & Verbal Ability						https://www.youtube.com/watch?v=rQjC3Z9zdsK		
5.Quantitative & Verbal Ability						https://www.youtube.com/watch?v=GR0I3Y21gcs		
6.Quantitative & Verbal Ability						https://www.youtube.com/watch?v=CuOfYYSjdgc		
7.Quantitative & Verbal Ability						https://www.youtube.com/watch?v=Sph_-kcZU4M		
8.Quantitative & Verbal Ability						https://www.youtube.com/watch?v=yNhcu33zwEE		
9.Quantitative & Verbal Ability						https://www.youtube.com/watch?v=7leSTV6PqR8		
10.Quantitative & Verbal Ability						https://www.youtube.com/watch?v=b-uEgSAZEsc		
Course 5 : JavaScript and Server-side communication								
JavaScript								
1.Basics of JavaScript						https://www.youtube.com/watch?v=xxBuWficyyn8		
2.Arrays, Objects and Functions in JS						https://www.youtube.com/watch?v=uRpRdo8HVq0		
3.Hoisting, Scope and Closure						https://www.youtube.com/watch?v=J9-l7GFdE6Q		
4.Revision Session 1						https://www.youtube.com/watch?v=nKPrV30zSGM		
5.JS Methods and Introduction to DOM						https://www.youtube.com/watch?v=P_eRZYI2Z1Q		
6.DOM Manipulation and Web storage						https://www.youtube.com/watch?v=RyWdESb4hK4		
7.Revision Session 2						https://www.youtube.com/watch?v=QZong5ZDkNY		
ES6								
8.Introduction to ES6						https://www.youtube.com/watch?v=dwQ-Wz4wc3w		
9.Revision Session 3						https://www.youtube.com/watch?v=DiEcpDFPAXs		
10. Callbacks and Promises						https://www.youtube.com/watch?v=LmOtdT0hlRA		
11.Revision Session 4						https://www.youtube.com/watch?v=As6lJn-WSTc		
JSON and AJAX								
12.Introduction to JSON and AJAX						https://www.youtube.com/watch?v=pZ0iBK1r3TU		
13.Security and Authorization using AJAX						https://www.youtube.com/watch?v=90nHjFysjKk		
14.Project Day						https://www.youtube.com/watch?v=gR6EKguv0ys		
15.Revision Session 5						https://www.youtube.com/watch?v=03w1skMn6MI		

Soft Skills and Placement Sessions			
Soft Skill Session Ms, Ashita			https://www.youtube.com/watch?v=Z1ITsu4TatM
Soft Skill Session Ms, Ashita			https://www.youtube.com/watch?v=klmmQXjKc0w
FAQ HR Question Careers Session Ms. Akshita			https://www.youtube.com/watch?v=mXMCcvBWYn4
Careers Session			https://www.youtube.com/watch?v=YrPluD7eE1s
Interview Questions			https://www.youtube.com/watch?v=QFgPOBznTG8
Careers Session			https://www.youtube.com/watch?v=6XaTaTQPmIM
Careers session Cover Letter and GD			https://www.youtube.com/watch?v=gRQuXhjJalw
Email writing and mock GD			https://www.youtube.com/watch?v=Wi8vJFzeamU
Mock Interview Session- I			https://www.youtube.com/watch?v=tw8rWimxOkw
Mock Interview Session- II			https://www.youtube.com/watch?v=q9XN2DLULwc
Quantitative Aptitude and Verbal Ability Phase- 2			
Quantitative & Verbal Ability			https://www.youtube.com/watch?v=6PsATuASYWQ
Quantitative & Verbal Ability			https://www.youtube.com/watch?v=zg-HxJt3PgC
Quantitative & Verbal Ability			https://www.youtube.com/watch?v=75fDsu4G8KA
Quantitative & Verbal Ability			https://www.youtube.com/watch?v=AIXMm_DVTxk
Quantitative & Verbal Ability			https://www.youtube.com/watch?v=LJPrCC_V6WI
Quantitative & Verbal Ability			https://www.youtube.com/watch?v=fh8kF5sIQ4M
Quantitative & Verbal Ability			https://www.youtube.com/watch?v=og8LBx-QKts
Quantitative & Verbal Ability			https://www.youtube.com/watch?v=MrcdgUArUQk
Quantitative & Verbal Ability			https://www.youtube.com/watch?v=kgDPg8KYK50
Quantitative & Verbal Ability			https://www.youtube.com/watch?v=7_FOzTNR-1Q
Quantitative & Verbal Ability			https://www.youtube.com/watch?v=EubV-kDpldw
Quantitative & Verbal Ability			https://www.youtube.com/watch?v=DX48-R2p2UE
Course 6: Advanced Frontend Development Using React			
React - Introduction			
1.Introduction to React			https://www.youtube.com/watch?v=gPZkMNFD_bM
2.Getting Started with React			https://www.youtube.com/watch?v=oUNHakQLrw4
Understanding React Concepts - Part I			
3.React Components			https://www.youtube.com/watch?v=cUzPZKI-ytE
4.Revision Session-1			https://www.youtube.com/watch?v=8bBLkQJSkHo
5.React Props and Event Handling			https://www.youtube.com/watch?v=Mws1UsHDfCI

6.React State						https://www.youtube.com/watch?v=Scebi5H5v8k		
7. React LifeCycle						https://www.youtube.com/watch?v=dQ6g1Lqs558		
8. React Routing						https://www.youtube.com/watch?v=Gd7l4FxbGVc		
Understanding React Concepts - Part II								
9.Introduction to React Hooks						https://www.youtube.com/watch?v=fuY77HwibvU&list=LL		
10.React Hooks - Part I						https://www.youtube.com/watch?v=NQXAv0tG8pY		
11.Forms and Material UI						https://www.youtube.com/watch?v=C2_6mTgpkJU		
12.Coding Practice						https://www.youtube.com/watch?v=mx8oo6S2R4A		
13. Revision Session						https://www.youtube.com/watch?v=onRAFMKNLc4		
14.Backend Integration						https://www.youtube.com/watch?v=uTEKri6S_AA		
15.React Hooks Part 2 and Custom hooks						https://www.youtube.com/watch?v=x3OHN0UWvJc		
Redux								
16.Introduction to Redux						https://www.youtube.com/watch?v=TXyB69-WJTg		
17.Testing in React						https://live.upgrad.com/summary/MLFQpITKfNzsHcc9JdZi5mVuxpslIGf0		
18.UPSTAC Demonstration						https://live.upgrad.com/summary/VQRclmyd7c1VlIMeIGK2AUzzscKbwI7l		
19.Revision Session 4						https://live.upgrad.com/summary/UnVLI4XNnz4Ps4bkvgEjCojG8OsCQdni		
20.EdTech Project walkthrough						https://live.upgrad.com/summary/uHjxuNnqueEJS2ef7WdA0ZnO9OFHjsbR		
Course 7: Server-Side Development - NodeJS, MongoDB and Express								
Node.js								
1.Introduction to Node.js, Express.js and MongoDB						https://live.upgrad.com/summary/FFPNTxassEVceK7eSV5hbeXpbgNgdmcV		
2.Building Web Server in Node.js						https://live.upgrad.com/summary/AN4iPaopBsLuLffWOYG1ab6l5N7HAVaP		
3.Routes serving static web applications						https://live.upgrad.com/summary/MuLiu9gfgakymgZgrHfdZnk7rqEB1kee		
4.Routes serving dynamic web applications						https://live.upgrad.com/summary/vXlRu1Ief3iVbV4QNEQ4llh9Ezdudg3E		
5.Revision Session 1						https://live.upgrad.com/summary/ZfHrj6vsKnkHGFoz1pCwINaqSaUwA3tU		
MongoDB								
6.MongoDB						https://live.upgrad.com/summary/Oq6N401uo91GOqvOtJ6TjkWQ8esEvOrl		
7.Mongoose_ODM						https://live.upgrad.com/summary/6iAJLf5Ocz9gcS0J8MadlVNq20ynGuMY		
8.Mongoose_Relationship Models						https://live.upgrad.com/summary/qDoR8zF42t49IB6sPYdqmOkI8NhlU3Xp		
9.Revision Session 2						https://live.upgrad.com/summary/Ql4FU0emm3J9DtsOKRgO1JixD2az6DAL		
Express.js								
10.Setting up a Node.js application with Express.js						https://live.upgrad.com/summary/Tz3tXfsoPrTD4gSk2Jv1ROp3PQH9Wbdd		
11.Express.js Modules						https://live.upgrad.com/summary/3UUP6aUrOtOjW3nqP1wwfJHV7uhiOqXT		
12 End to End App Development						https://live.upgrad.com/summary/VePA8kUS4xrYW1uIF8R1ZC1K2J5aMN8s		
13.Revision Session 3						https://live.upgrad.com/summary/lcYL7LdQSKSpXSjhLcQ6X4gcOFgD8mCx		
Deployment								

14.Integration of backend and frontend - I					https://live.upgrad.com/summary/WmbKxmM8OI6mOxTL30QXaWOCdkdPCbCy
					https://live.upgrad.com/summary/HaSdsKJh0EuKNfH5a3xa21e81wz120eg
15.Integration of backend and frontend - II					https://live.upgrad.com/summary/0I7Jawl0lvSf0kyTqLBE6XXcGdvaAOen
					https://live.upgrad.com/summary/LpjG1nfwQBU7rmp6wJsPsZ24PkE4XzCw
16. Authentication					https://live.upgrad.com/summary/ubrSQcuRmbsB34PQ9qbznmkGtacqzztF
17.Unit Testing					https://live.upgrad.com/summary/Z5b2iUowZ7qBGNidAD1pUJP9HgnuazZS
					https://live.upgrad.com/summary/ExV41kH23qAYBiDjc3rwPv0IzewqOOkd
18.Extra Revision Session 1					https://live.upgrad.com/summary/memtp87UGJtBsFvlgTFaKJCVAoQXXOKD
19.Extra Revision Session 2					https://live.upgrad.com/summary/AGc5Z5VqNo2Iz7Ac15NIgNv1XwybYx5L
20.Extra Revision Session 3					https://live.upgrad.com/summary/OBr35hdU8LrNL2e5I7WhyA2tVzZh34kT
21.Coding Questions Walkthrough - 1					https://live.upgrad.com/summary/6PRcvdKNVxgnD5IXsGRkCHoUTob1cDaI
22.Coding Questions Walkthrough - 2					https://live.upgrad.com/summary/NDki7LEI3nPWg8MoKt5LCGHqNZUVhRaW
23.Coding Questions Walkthrough - 3					https://live.upgrad.com/summary/immptxxhqWOIRjeqUIGnT7mYswlmvHsY
24. NEM TA Call					https://live.upgrad.com/summary/t9FqXFwGml1VJQG6DthsYmfjg9j8L0C