

	MON	TUE	WED	THU	FRI	ENVIRONMENT
Week 1 Agile, Git, HTML, CSS	<p>Orientation & Onboarding</p> <ul style="list-style-type: none"> • Introduction to Linux OS • basic Linux commands • shell scripting fundamentals • Fullstack the Big Picture <p>Git - Source Control Management</p> <ul style="list-style-type: none"> • VCS, CVCS, DVCS • Git Fundamentals • Git Installation and Configuration • Basic Git Commands • Git Branching and Merging • Remote Repositories • Pull Requests • .gitignore 	<p>HTTP</p> <ul style="list-style-type: none"> • Introduction to HTTP • HTTP Methods • HTTP Lifecycle • HTTP Status Codes • HTTP Headers • HTTP Cookies <p>HTML Foundation</p> <ul style="list-style-type: none"> • Overview of HTML • HTML5 Features • DOM (Document Object Model) • HTML Tags • Elements and Attributes • Inline vs Block Elements <p>HTML Forms</p> <ul style="list-style-type: none"> • Form Element , Form Attributes (action, method) , Input Elements , Input Types • Label Element , Textarea • Select and Option , Multi-Select , Fieldset and Legend • HTML5 Form Validation • GET vs POST 	<p>HTML 5 Advanced</p> <ul style="list-style-type: none"> • Web storage • localStorage, sessionStorage • WebSQL Database • Geolocation <p>Introduction to CSS3</p> <ul style="list-style-type: none"> • CSS Syntax • Ways to apply CSS • CSS Selectors • Styling Text and Fonts • Font Properties • Box Model Basics • Content, Padding, Border, Margin • Colors and Backgrounds • Borders and Effects • Layout with CSS • Display, Position, Float 	<ul style="list-style-type: none"> • Flexbox Layout • flex-direction, justify-content <p>CSS Grid Layout</p> <ul style="list-style-type: none"> • grid-template-columns/rows <p>Responsive Web Design</p> <ul style="list-style-type: none"> • Media Queries • Breakpoints • Transitions, Animations 	<p>Agile Methodology</p> <ul style="list-style-type: none"> • Introduction to Agile • Agile Process • Scrum Framework • Scrum Roles, Artifacts, Ceremonies • Agile User Stories • Agile Estimation and Planning • Sprint Points, Planning Poker, Velocity • Burndown and Burnup Charts • Project Boards • Agile Tools 	
Week 2 JavaScript, BootStrap,jQuery	<p>Introduction to JavaScript</p> <ul style="list-style-type: none"> • Getting Started • JavaScript Fundamentals 	<p>JavaScript Arrays</p> <ul style="list-style-type: none"> • Array Methods • forEach, map, filter, reduce 	<p>Asynchronous JavaScript</p> <ul style="list-style-type: none"> • Synchronous vs Asynchronous • Call Stack 	<p>Bootstrap 5</p> <ul style="list-style-type: none"> • Introduction to Bootstrap 5 • Bootstrap Setup (CDN) 	<ul style="list-style-type: none"> • Bootstrap Utilities and Helpers • Responsive Design with Bootstrap • Customization 	

	MON	TUE	WED	THU	FRI	ENVIRONMENT
	<ul style="list-style-type: none"> • Framework and libraries • Variables (var , let, const) • Data Types • JavaScript Operators • Control Flow • if - else, switch, Loops <p>JavaScript Objects</p> <ul style="list-style-type: none"> • Object Creation, Properties, Methods • this Keyword 	<p>JavaScript Function</p> <ul style="list-style-type: none"> • Function Declaration • Arrow Functions • Callbacks • Closures • IIFE <p>DOM (Document Object Model)</p> <ul style="list-style-type: none"> • Selecting Elements • Modifying Content • DOM Manipulation • Traversing the DOM • Events and Event Listeners 	<p>JSON</p> <ul style="list-style-type: none"> • JSON.parse() • JSON.stringify() <p>Callbacks</p> <ul style="list-style-type: none"> • Callback Functions • Callback hell • Promises, async/await • Fetch API • ES6 features • Debugging and Testing JavaScript 	<ul style="list-style-type: none"> • Event loop • Layout and Grid System • Container, Row, Column • Responsive Breakpoints • Essential Components • Typography, Buttons, Cards, Forms • Navbar, Modals, Dropdowns 	<p>and Extensions</p> <p>jQuery</p> <ul style="list-style-type: none"> • What is jQuery ? • jQuery Selectors • DOM manipulation & events • jQuery Effects • Basic AJAX with jQuery 	
Week 3 Bootstrap, jQuery, MySQL, Core Java(v21)	Project 1	Project 1	Project 1	Project 1	Project 1	Project 1
	<p>MySQL</p> <ul style="list-style-type: none"> • What Is A Database • What Is SQL • Consistency • Introduction To RDBMS • Schema • Table Structure • SQL Data Types • Normalization • Multiplicity • Data Modeling And ERD • Primary Key • Composite Key • Foreign Key • Unique Key • Secondary Alternate Key • Referential 	<p>MySQL</p> <ul style="list-style-type: none"> • Overview Of Sublanguages • DDL • DML • DQL • DCL • TCL • Defining Schema • CREATE DROP TRUNCATE • Constraints • Auto Incrementing • CHECK • DEFAULT • CASCADE • INSERT • UPDATE • DELETE • Queries • Aggregate Functions 	<p>MySQL</p> <ul style="list-style-type: none"> • What Is A Transaction • ACID Properties • Transaction Properties • CRUD Operations • Indexes • Scalar Functions • Sequence • Trigger • Views • What Is A Stored Procedure • What Is A User Defined Function • Transaction Commit Rollback Isolation Levels 	<p>Java Basics</p> <ul style="list-style-type: none"> • What Is Java • Jvm Jre Jdk • Setup Jdk • Set Up Ide IntelliJ • Primitive Data Types • Reference Variables • Sequence • Trigger • Views • What Is A Stored Procedure • What Is A User Defined Function • Transaction Commit Rollback Isolation Levels 	<p>Java Basics</p> <ul style="list-style-type: none"> • Method Parameters And Return Types • Method Invocation • Method Visibility Modifiers • Method Scope • Introduction To The Stack • Method Recursion • Method Declaration And Syntax <p>Types</p> <ul style="list-style-type: none"> • Casting • String Basics • Value And Reference Types • Wrapper Classes 	

	MON	TUE	WED	THU	FRI	ENVIRONMENT
	Integrity	<ul style="list-style-type: none"> Clauses What Is A Subquery What Is A Join Cross Join Equi And Theta Joins Inner Join Left And Right Joins Outer Join Aliases 		Imports <ul style="list-style-type: none"> Debugging 		
Week 4 Core Java (v21)	Project 1 OOPs <ul style="list-style-type: none"> Introduction To Oop Classes Vs Objects Classes Members Static Members Oop Inheritance Interfaces And Abstract Class Oop Polymorphism Overloading Overriding Oop Encapsulation Oop Abstraction Object Class Non Access Modifiers Equality Hashcode Equals Garbage Collection 	Project 1 Exceptions <ul style="list-style-type: none"> Exceptions Vs Errors And Hierarchy Handling Exceptions Checked Vs Unchecked Exceptions Creating Custom Exceptions Reading The Stack Trace Collections <ul style="list-style-type: none"> Overview Of Collections Hierarchy List Interface & Implementation Classes Set Interface & Implementation Classes Queue Interface & Implementation Classes Iterators Map Interface & Implementation Classes 	Project 1 Multithreading <ul style="list-style-type: none"> thread-class runnable-interface states-of-a-thread multithreading Concurrency <ul style="list-style-type: none"> synchronization deadlock livelock producer-consumer-problem Functional Programming <ul style="list-style-type: none"> functional-interfaces lambdas method-reference-syntax File Handling and I/O <ul style="list-style-type: none"> Optional-class reading-and-writing-to-files 	Project 1 Stream API <ul style="list-style-type: none"> stream-api Date and Time API reflection-api Intermediate Operations Terminal Operations Collectors Parallel Streams Design Patterns <ul style="list-style-type: none"> SOLID Principles Singleton Pattern Factory Pattern Behavioral Pattern Structural Pattern 	Project 1 Java 17 & 21 Features <ul style="list-style-type: none"> Sealed Classes, Pattern Matching Text Blocks, Records, Virtual Threads JDBC <ul style="list-style-type: none"> Jdbc Architecture And Interfaces Driver Types And Registration Setting Up The Database Driver Setting Up The Utility Class Simple And Prepared Statements Sql Injection Callable Statements Result Set Navigating Result Set Rows 	
Week 5 Core Java (v21)	Project 1 Introduction to Application	Project 1 Application	Project 1 Reverse Engineering	Project 1 TDD using JUnit and	Project 1 Introduction to	

	MON	TUE	WED	THU	FRI	ENVIRONMENT
	<p>Reactive Programming</p> <ul style="list-style-type: none"> • Reactive Manifesto, Reactive Streams • Reactive Programming in Java • Building Reactive Applications <p>Networking and Sockets</p> <ul style="list-style-type: none"> • Java Networking • Socket Programming • java.net.ServerSocket • Implementing Socket Client in Java 	<p>Debugging Using IntelliJ IDEA</p> <ul style="list-style-type: none"> • Introduction to Debugging • Getting Started with IntelliJ IDEA Debugger • Basic Debugging Techniques : Setting Breakpoints , Step Over, Step Into, Step Out • Advanced Debugging Techniques : Watch Variables, Debug Console 	<ul style="list-style-type: none"> • Goals and its Objectives • Steps of Reverse Engineering • Tools of Reverse Engineering 	<p>Mockito</p> <ul style="list-style-type: none"> • Test Driven Development Overview • Unit Testing Introduction To Junit • Unit Testing Line Vs Branch Coverage • Unit Testing Arrange Act Assert • Unit Testing Assertion Types • Unit Testing Stubs <p>Introduction to Mockito</p> <ul style="list-style-type: none"> • Introduction to Mockito • Mock vs Stub vs Spy 	<p>Logging</p> <p>Log4J Framework</p> <ul style="list-style-type: none"> • Log4J Configuration • Appenders (Console, File, Rolling File) • Layouts (Pattern Layout) • Log4J 2 Architecture <p>SLF4J (Simple Logging Facade for Java)</p> <ul style="list-style-type: none"> • SLF4J API , Binding with Log4J • Logger Factory • Best Practices for Logging 	
Week 6 Spring Framework Foundations	<p>Project 1</p> <p>Introduction to Spring Framework</p> <ul style="list-style-type: none"> • Spring Framework Overview • Spring Ecosystem • Spring vs Java EE <p>Setting up a Spring Project with Maven</p> <ul style="list-style-type: none"> • Introduction to Maven • Maven Project Structure • Project Object Model (POM) , Maven Central Repository, Dependencies Management • Maven Build Lifecycle, Maven Commands • Spring Dependencies <p>Spring IoC Container</p>	<p>Project 1</p> <p>Dependency Injection in Spring</p> <ul style="list-style-type: none"> • Constructor Injection, Setter Injection, Field Injection <p>Autowiring</p> <ul style="list-style-type: none"> • @Autowired Annotation • Qualifier <p>Spring AOP (Aspect-Oriented Programming)</p> <ul style="list-style-type: none"> • AOP Concepts • Cross-cutting Concerns • Aspect, Advice, Pointcut, Join Point • @Aspect Annotation • Before, After, Around Advice • AOP Proxies 	<p>Project 1</p> <p>Spring MVC and ORM</p> <ul style="list-style-type: none"> • Spring MVC Architecture • DispatcherServlet • Controllers • ViewResolver • Model and View • Spring ORM • Hibernate Integration <p>Spring Boot (Basics)</p> <ul style="list-style-type: none"> • What is Spring Boot? • Spring Boot vs Spring Framework • Auto-configuration • Starter Dependencies • Spring Boot CLI • application.properties 	<p>Project 1</p> <p>Reactive Programming with Spring WebFlux</p> <ul style="list-style-type: none"> • Reactive Programming Concepts • Project Reactor • Mono and Flux • WebFlux vs Spring MVC • Reactive Controllers • Reactive Data Access <p>Testing Spring Applications with JUnit and Mockito</p> <ul style="list-style-type: none"> • @SpringBootTest , @MockBean , Testing Controllers, Services 	<p>Mocking External Dependencies</p> <ul style="list-style-type: none"> • HTTP Client Mocking , Database Mocking <p>Project Presentation</p>	

	MON	TUE	WED	THU	FRI	ENVIRONMENT
	<ul style="list-style-type: none"> Inversion of Control Concept IoC Container Types ApplicationContext BeanFactory <p>Spring Bean Configuration</p> <ul style="list-style-type: none"> XML Configuration ,Annotation-based Configuration , Java-based Configuration Bean Scopes , Bean Lifecycle Interceptors 		/yml			
Week 7 Spring Data JPA & Spring REST	<p>Project 2</p> <p>Introduction to Spring Data JPA</p> <ul style="list-style-type: none"> JPA Overview Spring Data JPA Benefits Repository Pattern Setting Up a Spring Boot Dependencies Configuration DataSource Configuration JPA Properties <p>Entity Mapping</p> <ul style="list-style-type: none"> @Entity Annotation , @Table, @Column Primary Keys, Relationships (@OneToMany, @ManyToOne, etc.) , Embedded Objects 	<p>Project 2</p> <p>Spring Data Repositories</p> <ul style="list-style-type: none"> CrudRepository JpaRepository PagingAndSortingRepository Custom Repositories <p>CRUD Operations with Spring Data JPA</p> <ul style="list-style-type: none"> Save and Update Find Methods Delete Operations 	<p>Project 2</p> <p>Query Methods and Named Queries</p> <ul style="list-style-type: none"> Query Derivation @Query Annotation Named Queries Native Queries <p>Pagination and Sorting</p> <ul style="list-style-type: none"> Pageable Interface Sort Object Page vs Slice <p>Auditing with Spring Data JPA</p> <ul style="list-style-type: none"> @CreatedDate, @LastModifiedDate , @CreatedBy, @LastModifiedBy Auditing Configuration 	<p>Project 2</p> <p>Spring Data JPA Projections</p> <ul style="list-style-type: none"> Interface-based Projections Class-based Projections Dynamic Projections <p>Spring Data JPA and Spring Boot Integration</p> <ul style="list-style-type: none"> Auto-configuration Properties Configuration Multiple DataSources <p>Spring Data JPA and Hibernate</p> <ul style="list-style-type: none"> Hibernate as JPA Provider Entity Manager Session Factory Caching (First Level, Second Level) 	<p>Project 2</p> <p>Code Quality</p> <ul style="list-style-type: none"> Code Quality Metrics Technical Debt Code Smells SonarQube Dashboard <p>Introduction to Spring REST and Spring Boot 3</p> <ul style="list-style-type: none"> REST Principles HTTP Methods Status Codes Spring Boot 3 Features <p>Building a Simple REST Controller</p> <p>Request and Response handling</p> <ul style="list-style-type: none"> @RestController , @RequestMapping , @GetMapping, @PostMapping @RequestBody , @ResponseBody , @PathVariable , 	

	MON	TUE	WED	THU	FRI	ENVIRONMENT
					@RequestParam , @ResponseEntity	
Week 8 REST APIs & Microservices	<p>Project 2</p> <p>RESTful Resource Representation with DTOs</p> <ul style="list-style-type: none"> • Data Transfer Objects • DTO Pattern • ModelMapper, MapStruct <p>RESTful CRUD Operations</p> <ul style="list-style-type: none"> • Create Resources • Read Resources • Update Resources • Delete Resources <p>RESTful HATEOAS</p> <ul style="list-style-type: none"> • Hypermedia Concept , Spring HATEOAS , Links and Resources <p>Content Negotiation and Media Types</p> <ul style="list-style-type: none"> • Accept Header , Content-Type Header ,JSON vs XML 	<p>Project 2</p> <p>Spring Boot Actuator for REST Monitoring</p> <ul style="list-style-type: none"> • Actuator Endpoints , Health Checks , Metrics , Custom Endpoints Security and Authentication in RESTful APIs <p>Spring Security Basics</p> <ul style="list-style-type: none"> • JWT Authentication • OAuth2 <p>Testing RESTful APIs</p> <ul style="list-style-type: none"> • MockMvc , @WebMvcTest <p>Documenting RESTful APIs</p> <ul style="list-style-type: none"> • OpenAPI/Swagger • SpringDoc • API Documentation Best Practices 	<p>Project 2</p> <p>Introduction to Microservices Architecture (MSA)</p> <ul style="list-style-type: none"> • Monolith vs Microservices • Microservices Characteristics • Benefits and Challenges • Domain-Driven Design <p>12 factor APP Spring Cloud for Microservices</p> <ul style="list-style-type: none"> • Spring Cloud Overview • Service Discovery (Eureka) • Load Balancing (Ribbon/Spring Cloud • Circuit Breaker (Resilience4j) <p>Spring Security for Microservices</p> <ul style="list-style-type: none"> • Microservices Security Challenges • Service-to-Service Authentication • CORS • Token-based Security Centralized • CSRF • DDOS 	<p>Project 2</p> <p>Session Hijacking Authentication and Authorization</p> <ul style="list-style-type: none"> • OAuth2 Authorization Server • Resource Server • SSO (Single Sign-On) <p>Microservices Communication with Spring Cloud</p> <ul style="list-style-type: none"> • REST Template • WebClient • Feign Client • Asynchronous Communication <p>API Gateway and Edge Services</p> <ul style="list-style-type: none"> • Spring Cloud Gateway • Routing • Filters • Rate Limiting 	<p>Project 2</p> <p>Fault tolerance and Resilience</p> <ul style="list-style-type: none"> • Retry Mechanisms • Fallback Methods • Bulkhead Pattern <p>Spring Cloud Config</p> <ul style="list-style-type: none"> • Centralized Configuration • Config Server • Config Client • Refresh Scope <p>Monitoring and Metrics in Microservices</p> <ul style="list-style-type: none"> • Distributed Tracing (Sleuth, Zipkin) • Logging Aggregation • Metrics Collection <p>Security Best Practices in Microservices</p> <ul style="list-style-type: none"> • Defense in Depth • API Security • Secrets Management 	
Week 9 TypeScript, Angular(v16)	<p>Project 2</p> <p>TypeScript</p> <ul style="list-style-type: none"> • What Is Typescript • Javascript Vs Typescript • How Why Should 	<p>Project 2</p> <ul style="list-style-type: none"> • Utility Types • Array Generics • Basic Generics • Keyof • Readonly 	<p>Project 2</p> <p>Angular</p> <ul style="list-style-type: none"> • Introduction to Angular • Angular Setup and Installation 	<p>Project 2</p> <p>Angular Components</p> <ul style="list-style-type: none"> • Component Lifecycle • LifyCycle hooks • @Component 	<p>Project 2</p> <p>Data Binding</p> <ul style="list-style-type: none"> • 1 Way Data Binding • 2 Way Data Binding 	

	MON	TUE	WED	THU	FRI	ENVIRONMENT
	<p>I Use Typescript</p> <ul style="list-style-type: none"> • Typescript Compiler And Install Typescript • Package Json • Node As Js Runtime • Simple Or Variable Types • Special Types • Object Types • Union Types • Type Aliases And Interfaces • Casting • Functions • Classes • Classes And Access Modifiers • Decorators 	<p>Interface</p> <ul style="list-style-type: none"> • As Const • Type Guards • Compiler Options • Strict • Target • Tsc • Ts Config Basics 	<ul style="list-style-type: none"> • Node.js and npm • Angular CLI • Creating Angular Application • Angular Project Structure • Single Page Applications (SPA) • Client-side Routing • Webpack • Angular Templates 	<ul style="list-style-type: none"> • Component Styles • Change Detection • Dynamic Components • Event Emitters • Sharing Data Between Child And Parent • NgModule Decorator • Root Module • Feature Modules • Shared Modules 	<p>Angular Directives</p> <ul style="list-style-type: none"> • Structural Directives • Attribute Directives <p>Pipes</p> <ul style="list-style-type: none"> • Pipes • Custom Pipes 	
Week 10 Angular {v16}	<p>Project 2</p> <p>Dependency Injection</p> <ul style="list-style-type: none"> • DI in Angular • Injector Hierarchy • DI Providers <p>Services</p> <ul style="list-style-type: none"> • Creating Services • Service Injection • Service Communication <p>Angular Routing</p> <ul style="list-style-type: none"> • Router Module • Route Guards • Routing And Navigation <p>Signals</p>	<p>Project 2</p> <p>RxJS</p> <ul style="list-style-type: none"> • Introduction to RxJS • Observables • RxJS Operators • RxJS Subjects <p>HTTP Client</p> <ul style="list-style-type: none"> • Making HTTP Requests • Error Handling • HTTP Interceptors • Angular HTTP Best Practices 	<p>Project 2</p> <p>Angular Forms</p> <ul style="list-style-type: none"> • Introduction to Forms • Template - Drive Forms • Reactive Forms • Form Validation • Dynamic forms <p>State Management</p> <ul style="list-style-type: none"> • Application State • State Management Patterns • Service-based State • BehaviorSubject pattern 	<p>Project 2</p> <p>Angular Testing</p> <ul style="list-style-type: none"> • Karma • Jasmine • Testing In Angular With Jasmine And Karma <p>Application Debugging Front End</p> <ul style="list-style-type: none"> • Debugging Angular Applications with Chrome DevTools • Debugging with Visual Studio Code 	<p>Project 2</p> <ul style="list-style-type: none"> • Review 	
Week 11 Docker , Kubernetes, Cloud (GCP)	<p>Project 2</p> <p>Docker Architecture</p> <ul style="list-style-type: none"> • Docker Architecture 	<p>Project 2</p> <p>DevOps</p> <ul style="list-style-type: none"> • DevOps Overview 	<p>Project 2</p> <p>Kubernetes Configuration</p> <ul style="list-style-type: none"> • ConfigMaps, 	<p>Project 2</p> <p>Introduction to Cloud Computing</p> <ul style="list-style-type: none"> • Cloud Computing 	<p>Introduction to GCP</p> <ul style="list-style-type: none"> • GCP Console • Projects and Billing 	

	MON	TUE	WED	THU	FRI	ENVIRONMENT
	<ul style="list-style-type: none"> • Containers Vs Vms • Containerization <p>Docker Image &Container</p> <ul style="list-style-type: none"> • Installing Docker • Dockerfile • Docker Images • Docker Containers • Basic Docker Cli Commands <p>Docker Registry and Repository</p> <ul style="list-style-type: none"> • DockerHub 	<ul style="list-style-type: none"> • Continuous deployment • Continuous integration • Continuous delivery <p>Kubernetes</p> <ul style="list-style-type: none"> • What is Container Orchestration? • Kubernetes Architecture • Master vs Worker Nodes • Control Plane Components <p>Core Kubernetes Concepts</p> <ul style="list-style-type: none"> • Pods , ReplicaSets, Deployments, Services (ClusterIP, NodePort, LoadBalancer), Namespaces 	<p>Secrets, Environment Variables</p> <p>Storage in Kubernetes</p> <ul style="list-style-type: none"> • Volumes • Persistent Volumes • Persistent Volume Claims <p>Kubernetes Networking</p> <ul style="list-style-type: none"> • Service Discovery • Ingress Controllers • Network Policies <p>kubectl CLI Commands</p> <ul style="list-style-type: none"> • Basic Operations 	<p>Definition</p> <ul style="list-style-type: none"> • On-Premise vs Cloud , Cloud Benefits Cloud Service Models • IaaS (Infrastructure as a Service) • PaaS (Platform as a Service) • SaaS (Software as a Service) <p>Cloud Deployment Models</p> <ul style="list-style-type: none"> • Private, Private, Hybrid, Multi-Cloud <p>Cloud Service Providers</p> <ul style="list-style-type: none"> • AWS, Azure, GCP 	<ul style="list-style-type: none"> • IAM Basics <p>GCP Identity and Access Management (IAM)</p> <ul style="list-style-type: none"> • Users, Groups, Service Accounts • Roles and Permissions • Policy Management <p>GCP Compute Services</p> <ul style="list-style-type: none"> • Compute Engine (VMs) • App Engine • Kubernetes Engine (GKE) • Cloud Functions <p>GCP Storage Services</p> <ul style="list-style-type: none"> • Cloud Storage (Buckets) • Persistent Disks • Firestore 	<p>Project Presentation</p>

Week 12 Cloud(GCP), Project	Project 3	Project 3	Project 3	Project 3	Project 3	
	<p>GCP Networking</p> <ul style="list-style-type: none"> • VPC • Load Balancing • Cloud CDN • Cloud DNS <p>GCP Database Services</p> <ul style="list-style-type: none"> • Cloud SQL • Cloud Spanner • Firestore • Bigtable <p>GCP Serverless Computing</p> <ul style="list-style-type: none"> • Cloud Functions • Cloud Run • Serverless 	<p>Introduction to DevOps in GCP</p> <ul style="list-style-type: none"> • DevOps Culture and Practices • CI/CD Pipeline • Infrastructure as Code <p>GCP Cloud Source Repositories</p> <ul style="list-style-type: none"> • Git Repositories in GCP • Repository Management • Integration with Cloud Build <p>GCP Cloud Build</p> <ul style="list-style-type: none"> • Build 	<p>GCP Cloud Deploy</p> <ul style="list-style-type: none"> • Deployment Pipelines • Delivery Pipelines • Rollout Management • Automated Deployment <p>GCP Cloud Build Pipelines</p> <ul style="list-style-type: none"> • Pipeline as Code • Multi-Stage Pipelines • Testing in Pipelines • Deployment Automation 			

	MON	TUE	WED	THU	FRI	ENVIRONMENT
	Containers	Configuration <ul style="list-style-type: none"> • Build Triggers • Automated Builds • Container Building 				
Week 13 Project , Review	Project 3	Project 3	Project 3	Project 3	Project Presentation	

PROJECT	TECHNOLOGIES
Project 1	Java, MySQL, JDBC
Project 2	Java, MySQL, Spring Boot, Spring JPA, Angular
Project 3	Java, MySQL, Spring Boot, Spring Data JPA, Docker, Kubernetes, GCP



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