



JAVA Real-Time Project

with SpringBoot + Microservices + AWS + React JS + DevOps



JAVA REAL-TIME PROJECT

INTRODUCTION

- INTRODUCTION TO REAL-TIME PROJECT
- TYPES OF SOFTWARE COMPANIES
 - PRODUCT BASED COMPANIES
 - SERVICE BASED COMPANIES
 - OUTSOURCING COMPANIES
- INTERVIEW PROCESS IN COMPANIES
- TYPES OF SOFTWARE JOBS
 - PERMANENT JOB
 - CONTRACT JOB
- TYPES OF SOFTWARE PROJECTS
 - SCRATCH DEVELOPMENT PROJECTS
 - MAINTENANCE PROJECTS
 - MIGRATION PROJECTS
- TYPES OF TEAMS IN PROJECT
 - ON-SHORE TEAM
 - OFF-SHORE TEAM

REAL - TIME TOOLS

- MAVEN
- GRADLE
- PROJECT LOMBOK
- GIT HUB
- BIT BUCKET
- LOG4J & SLF4J
- PUTTY & WINSCP
- ELK
- JMETER
- SONARQUBE
- NEXUS
- JENKINS
- DOCKER
- KUBERNETES
- APACHE KAFKA
- REDIS CACHE
- POSTMAN
- SWAGGER
- JIRA



LINUX

- WHAT IS OS
- WINDOWS VS LINUX
- LINUX HISTORY AND DISTROS
- LINUX VM SETUP IN AWS CLOUD
- FILES AND DIRECTORIES
- WORKING WITH TEXT FILTERS
- WORKING WITH TEXT EDITORS
- USERS MANAGEMENT
- FILE PERMISSIONS
- PROCESS MANAGEMENT
- NETWORK COMMANDS
- PACKAGE MANAGERS
- HOW TO DEPLOY APPS IN LINUX
- LIVE LOGS MONITORING

AWS CLOUD)

- WHAT IS CLOUD COMPUTING
- CLOUD ADVANTAGES
- IAAS VS PAAS VS SAAS
- AWS INTRODUCTION
- AWS ACCOUNT SETUP
- AWS SERVICES TOUR
- IAM
- EC2
- LOAD BALANCING
- AUTO SCALING
- S3 BUCKETS
- RDS
- BEAN STACK
- LAMBDA
- ROUTE 53
- BILLING OVERVIEW

AGILE

- SDLC (AGILE)
- BACKLOG GROOMING
- STORY
- STORY POINTS
- SPRINT PLANNING
- SPRINT
- SCRUM
- RETROSPECTIVE

MINI PROJECTS

- REAL-TIME ENV TERMINOLOGY
- REQUIREMENTS GATHERING
- REQUIREMENTS ANALYSIS
- MINUTES OF MEETING
- QUERY LOG
- DB DESIGN
- COMPONENTS DESIGN
- REAL-TIME CODING STANDARDS
- 01-MINI PROJECT
- 02- MINI PROJECT
- DEBUGGING
- CODE REVIEWS
- DEPLOYMENTS



REACT JS

- INTRODUCTION TO REACT JS
- SPA VS MPA
- REACT VS ANGULAR VS VUE
- SETTING UP THE ENVIRONMENT
- CREATE REACT APP (CRA)
- FOLDER STRUCTURE OVERVIEW
- REACT ELEMENTS
- REACT DOM
- JSX
- REACT COMPONENTS
- PROPS
- VITE TOOL
- FUNCTIONAL COMPONENTS
- INTRODUCTION TO HOOKS
- STATE MANAGEMENT
- INTERACTION BETWEEN COMPONENTS
- CONTEXT API
- AXIOS
- FORMS IN REACT
- REACT ROUTING
- REACT HOOKS
- REDUX WITH FUNCTIONAL COMPONENT
- TESTING IN REACT
- DEPLOYMENT

MAJOR PROJECT

- MAJOR PROJECT INTRODUCTION
- MAJOR PROJECT MODULES
- MAJOR PROJECT ARCHITECTURE
- MAJOR PROJECT FUNCTIONAL FLOW
- DATABASE DESIGN
- MICROSERVICES DEVELOPMENT
- LOGGING IN PROJECT
- SWAGGER CONFIGURATION
- ACTUATORS CONFIGURATION
- EXCEPTION HANDLING
- MULTI-THREADING USE CASE
- REST CALLS IN PROJECT
- BATCH PROCESSING
- UNIT TESTING
- INTEGRATION TESTING
- CODE REVIEW
- PROJECT DEPLOYMENT

INTERVIEW GUIDE

- RESUME PREPARATION
- PROFILE CREATION IN JOB PORTALS
- EMAIL WRITING
- HR DISCUSSION DETAILS
- JOINING FORMALITIES
- EXIT FORMALITIES
- DAILY ACTIVITIES IN JOB
- INTERVIEW TIPS & TRICKS
- MOCK INTERVIEWS

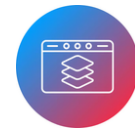
COURSES OFFERING



**JAVA
FULLSTACK**



**PYTHON
FULLSTACK**



**UI
FULLSTACK**



LINUX



**CLOUD
COMPUTING**



DEVOPS



DSA



**SYSTEM
DESIGN**



**SOFTWARE
TESTING**



**CYBER
SECURITY**



**DATA
SCIENCE**



**DATA
ANALYTICS**

Our Recently Placed Students **Now it's Your Turn!**

