

RKV IT SOLUTIONS PVT. LTD.

Research Knowledge values

Third and Final year students Internship Package

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C

Basic introduction of all languages

- * Introduction, constant, variable, data type, operator, controls, Array, structure and Union, string
- *Function, Pointer, file concept, graphics programming, Command line arguments.

Data
structure

- *Linked list-doubly and Circular linked list, stack, queues, tree, graph, sorting, Hash table

C++

*** Introduction, Array, function, Class and object, constructors and destructors, Operator overloading, function overloading, Inheritance, Polymorphism, File operators and pointer, Command line arguments.**

Software
Engineering

***Software Development Life Cycle, SDLC Models, Requirement Gathering and Analysis and SRS, Testing**

Object oriented
analysis and design

***UML, Sequence, Activity, Use case diagram**

Database
concept

*** Basic SQL Statement, Restricting and Sorting Data, Row Function, Displaying Data From Multiple Tables, Aggregating Data Using GROUP Function, Sub-Queries, Creating and Managing Tables, Including Constraints, Views, Other Database Objects, Controlling User-Access, USING SET Operators.**

Web
programming

***HTML and JAVASCRIPT**

Internet

***NETWORKS A PRIMER.....LAN, protocols, topology, IP addressing**

***INTERNET A WALK THROUGHInternet, Intranet, ISP, WWW, DNS, Browser, Server**

Communication
skill

Skill Test

HTML and
page designing

CASE STUDY (REAL
TIME EXAMPLE)

As a Case study example.....MetroCab is a taxi service providers in Metro cities Delhi , Mumbai , Kolkata and Chennai. It Operates 24X7 with 10 AC cabs in each city except Delhi. Number of cabs in Delhi is 20 out of 10 is non AC. May be in future they may increase number of cab in each city and non ac cab available in all cities. It provides prepaid Cab Travelling service within city. Currently MetroCab manipulating all the records with automated desktop software. Now they would like to develop a web based application so anytime/any where user can request a prepaid taxi service in metro cities