



COMPUTER & INTERNET BASICS

- Basics of computers
- How binary works behind
- Computer languages high & low level
- Basic of oops, variables, and loops
- Tcp/ip, udp, http, (browser, server, dns
- How to setup environment in ide

USER INTERFACE & FRONTEND DEVELOPMENT

- HTML & CSS
- Javascript & Dom
- Web development framework - React.js
- Introduction to React.js and JSX.

MIDDLEWARE DEVELOPMENT



- Controllers, Providers, Modules, Middleware
- Exception and Error Handling
- Pipes, Guards, Interceptors
- What is TypeScript & TypeScript SDK Installation and setup
- OOPs Concepts
- Class, Object, Method, Modifiers, Access Modifiers, Constructor
- Abstraction, Interface, Inheritance, Polymorphism
- Method Overloading, Method Overriding
- Encapsulation
- Variables, Data Types & Operators in TypeScript
- Control Statements, Conditional Statements,
- Iteration Statements & Jump Statements
- Arrays & ArrayList in TypeScript
- Introduction to Node.js, Next.js & Nest.js

Nest.js

- Build a REST API
- Write GET, POST, DELETE, UPDATE Methods
- CRUD Operation with JPA Repository

Complete Application with Nest.js from the Scratch

- Reconcile User Profile and Employee Profile
- Role-Based Authorization
- Deploy Next.js With MySQL Database
- User Registration Page
- JWT (JSON Web Token)

Deployment and containers

- Introduction to Docker and Kubernetes
- Deploying application to AWS
- Introduction to Keycloak User management

BACKEND DEVELOPMENT



- Sql and relational database management systems mysql & maria db intro
- Introduction to Nosql databases mongo db, dynamo db & document db

SOFTWARE TESTING



- What is testing
- How to write JUnit testcase

CLOUD



- Introduction to AWS
- Deploying spring boot, Nodejs web application on amazon ec2 on AWS
- Working with S3 bucket

AGILE BASICS



- JIRA burn hours
- Burn down chart
- Retrospection
- Demo Session
- JIRA, Scrum
- Kanban, Standup
- Xstream Programming, Sprint Planning

REAL-TIME PROJECT



- SCRUM team Formed for a group of 10
- A Business use case problem / Client App with proper documentation is provided
- Project overview and technology walkthrough with help of a mentor
- A JIRA tool will be provided to run a sprint, backlog, grooming and demo
- Technical help on need basis will be provided for those who are needy

FREE ENVIRONMENT TOOLS

- EC2, S3 BUCKET, ASES, A PROFESSIONAL EMAIL, JIRA ACCESS FOR AGILE, BUGS AND PROJECT MANAGEMENTB, SCRUM BOARD, AMAZON GATEWAY, EKS, AWS OPEN SEARCH, MYSQL, DOCUMENTDB, KEYCLOAK USERMANAGEMENT, MARIADB, DYNAMODB, AWS ACCOUNTS FOR EACH USER

ANDHRA PRADESH

6-31-26, 3rd floor, 10/4 Arundalpet,
Near Tagore Statue,
Below The Aryapuram Bank, Donka Road,
GUNTUR-522002.

Contact : 8121811235

E-mail: resumes@bigcoders.app

Website : www.bigcoders.app

TELANGANA

The Skyview 10,
Hitech City Main Rd, Silpa Gram Craft Village,
Madhapur, Rai Durg, Hyderabad,
TELANGANA-500081