BIG Careers
Full stack developer Bootcamp

COMPUTER & INTERNET BASICS

- Basics of computers
- 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, BOM & AJAX
- Web development frameworks (Angular, reactjs, Angular.js & Angular CLI intro)
- Mobile application (Android and iOS platforms, flutter, react- native introduction)
- MERN Stack & ES6

MIDDLEWARE DEVELOPMENT

- Introduction to java
- Java syntax, variables, data types, comments, strings, loops, breaks, array, list, set, map
- Java methods, overloading, overriding
- Java oops, exception handling, file handling, tomcat server
- Introduction to spring core & spring boot
- Introduction to Typescript has a language for rest API
- Introduction to Node.js, Bootstrap, Express.js, Next.js, Nest.js, NPM

BACKEND DEVELOPMENT

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

CLOUD

- Introduction to AWS
- Deploying spring boot, Nodejs web application on amazon ec2 on AWS
- Working with S3 bucket
- GIT, kubernetes, Ansible & Docker
- DevOps

SOFTWARE TESTING

- What is testing
- How to write JUnit testcase
- Jest

AGILE BASICS

- JIRA burn hours
- Burn down chart
- Retrospection
- Demo Session
- JIRA, Scrum, Kanban, Standup
- Xtream 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