



EduBEST  
ONLINE LEARNING



BEST  
Bharatiya Engineering, Science & Technology  
Innovation University  
EMPOWERED BY INNOVATION

In Collaboration with



IBM

Microsoft

# Become a Software Engineer in 9 Months!

With Zero upfront tuition fees, investing in yourself is risk-free!

No coding experience required.  
Pay only when you get a Software Engineering job!



10 Million  
Learners



1:1 Personalized  
Mentorship



55% Average  
Salary Hike

# Pay After Placement in Software Engineering Course

Our Pay After Placement Course in Software Engineering offers specialization in Data Science & Analytics, Cloud Computing, and Full Stack Web Development. The course is designed by industry experts exclusively for undergraduates and recent pass-out of any degree to help them land their dream job! Upon course completion you will receive certification from IBM and Microsoft for their respective topics.

## Specialization:

- Data Science and Analytics
- Cloud Computing
- Full Stack Web Development

## Hottest Job of 21st Century



### Millions of Job Postings

Job Opportunities in Software Engineering are going to increase by 22% from 2020 to 2030



### Skill Development

Software Engineers are equipped with various relevant skills fetching lucrative job offers



### Growing Software Engineering Industry

11.26% CAGR in the global Software Engineering Industry



### Future oriented Career

Software Engineering is a budding field; a head start will prove to be beneficial



### Popular Degree

Software Engineering is one of most favorite career paths among aspiring youths



### High Demand

The industry is expected to grow by 25% from 2021 to 2031

## Our Credentials

10 Million+  
Aspiring Active Students

1,000+  
Industry-expert Instructors

400+  
Hiring Partners

500+  
Corporates Upskilled

55%  
Average Salary Hike

155+  
Countries' Learners

# About Program

Through this Pay After Placement in Software Engineering Course, you will go through intensive training from industry experts for 9 months to become an expert in your respective domains. The course allows you to pay tuition fees only upon landing into the software engineering job hence investing in yourself is risk free!



Learning Format

Online Bootcamp



9 Months

Duration



Pay Only After You

Get a Job

## Key Highlights

- Pay Tuition Fees only once you get a Software Job
- 9 Months of Live Classes From Top Industry Experts
- Career Services Session after every module
- Multiple Specializations
- Project-based Live Learning
- Dedicated Learning Management Team
- 50+ Industry Projects & Case Studies
- Internship Opportunities
- 218 Hrs of Self-Paced Learning
- Industry Experts from Top Product Companies & Startups
- Extra Hand-on Sessions over Weekdays
- 24/7 Support
- Soft Skills Training
- Receive IBM and Microsoft Verified Certification

## Program Pedagogy

### Instructor led Training

Get trained by industry experts from Top Product Companies & Startups

### Hackathons

Get a sense of how real projects are built

### Dedicated Learning Management Team

To help you with your learning needs

### Peer Networking and Group Learning

Improve your professional network and learn from peers

### Self-paced Videos

Learn at your own pace with world-class content

### Gamified Learning

Get involved in group activities to solve real-world problems

### Projects and Exercises

Get real-world experience through projects

### 1:1 Personalized Learning

Hands-on exercises, project work, quizzes, and capstone projects

# Who Can Apply for the Course?

- Recent Graduates from any degree or branch
- Students from any degree/branch currently pursuing their under graduation
- Any undergraduate student looking to become a Software Engineer in the field of Data Science, Cloud Computing, and Web Development
- Freshers who want to pursue a career in the field of Data Science, Cloud Computing, and Web Development

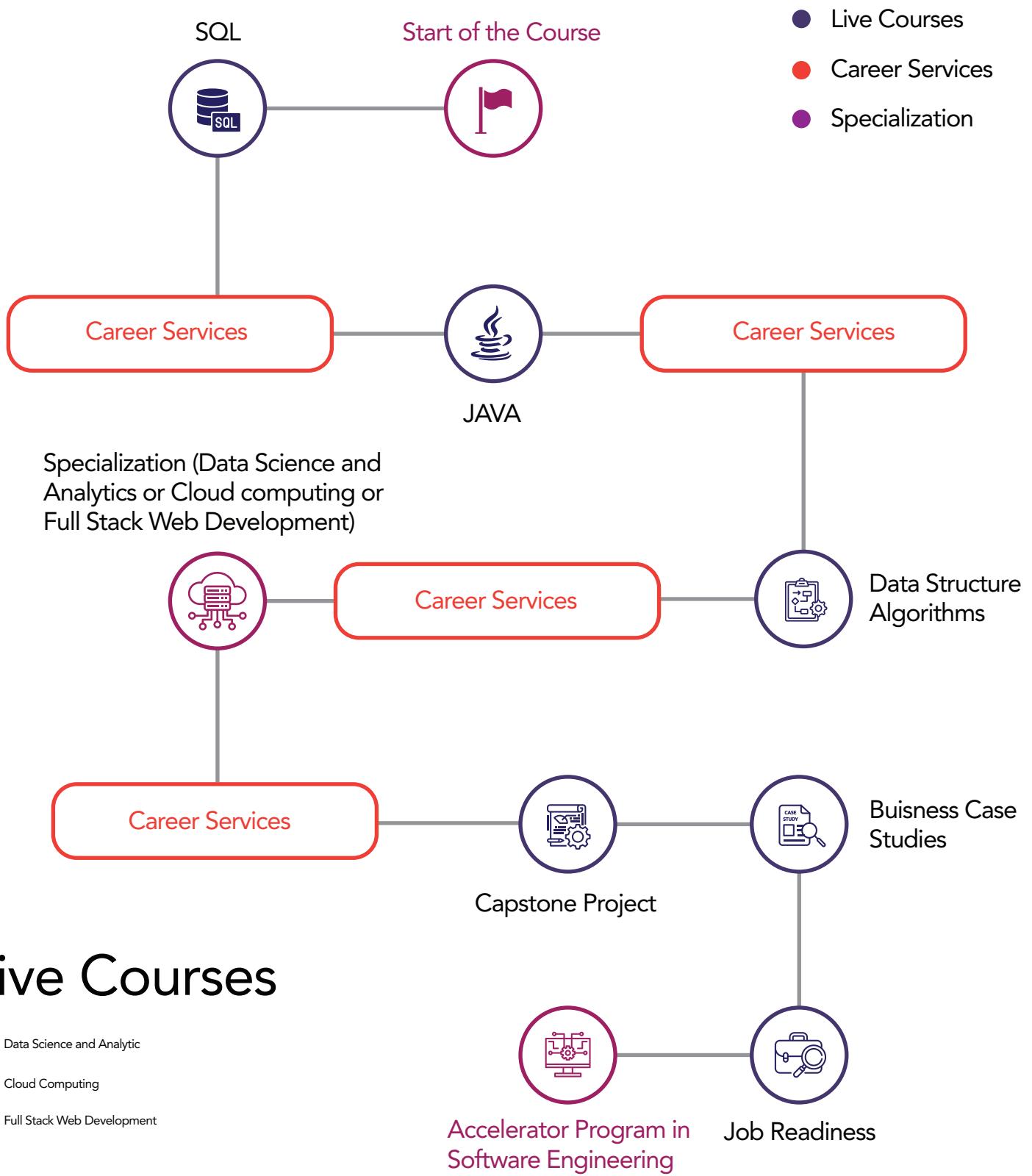
## Application Process

The application process consists of three simple steps. An offer of admission will be made to selected candidates based on feedback from the admission team. The selected candidates will be notified over email and phone, and they can block their seats by just paying the registration fee. The registration fees will be refunded back to the candidate upon moving to the placement pool after clearing the Placement Readiness Test (PRT).



# Learning Path

## Live Courses



## Live Courses

- Data Science and Analytic
- Cloud Computing
- Full Stack Web Development

# Program Curriculum

## Module 1

### SQL

- Introduction to SQL
- Database Normalization and Entity Relationship Model
- SQL Operators
- Working with SQL: Join, Tables, and Variables
- Deep Dive into SQL Functions
- Working with Subqueries
- SQL Views, Functions, and Stored Procedures
- Deep Dive into User-defined Functions
- SQL Optimization and Performance
- Advanced Topics
- Managing Database Concurrency
- Practice Session
- Microsoft Courses: Study Material

#### Career Services Sessions

- Regular Test & Performance Monitoring by Technical Mentors
- Interview Preparation Sessions
- Hackathons / Projects Evaluation & Solutioning

## Module 2

### JAVA

- Introduction to Programming in JAVA
- OOPs and Arrays
- Functions and complexity
- Searching Algorithms and Bit Manipulation

#### Career Services Sessions

- Regular Test & Performance Monitoring by Technical Mentors
- Interview Preparation Sessions
- Hackathons / Projects Evaluation & Solutioning

## Module 3

### Data Structure Algorithms

- Sorting Algorithms
- Strings and STL
- Linked Lists
- Stacks and Queues

#### Career Services Sessions

- Regular Test & Performance Monitoring by Technical Mentors
- Interview Preparation Sessions
- Hackathons / Projects Evaluation & Solutioning

## Module 4

### Specialization (Data Science and Analytics or Cloud Computing or Full Stack Web Development)

Choose a specialization path in either of the following domains as per your career aspirations and learning interests

- Data Science and Analytics
- Cloud Computing
- Full Stack Web Development

#### Career Services Sessions

- Regular Test & Performance Monitoring by Technical Mentors
- Interview Preparation Sessions
- Hackathons / Projects Evaluation & Solutioning

## Module 5

### Capstone Projects

## Module 6

### Business Case Studies

## Module 7

### Job Readiness

- Job Search Strategy
- Resume Building
- Linkedin Profile Creation
- Interview Preparation Sessions by Industry Experts
- Mock Interviews
- Placement opportunities with 400+ hiring partners upon clearing the Placement Readiness Test.

#### Specialization

### Data Science and Analytics

- Introduction to Python
- Python Programming
- Python Libraries For Data Analysis
- Advanced Statistics and Mathematics for Machine Learning
- Machine Learning
- Advanced Machine Learning Concepts
- Data Visualization with PowerBI
- Data Science Capstone Project

# Program Curriculum

## Cloud Computing

- Linux
- AWS Solutions Architect
- Python
- DevOps
- Microsoft Azure
- Cloud computing Capstone Project

## Full Stack Web Development

- HTML and CSS
- JavaScript
- React
- Redux
- Node
- Express
- Mongo
- GIT
- Web Development Capstone Project

## Sills to Master

- |                |                         |                    |                    |
|----------------|-------------------------|--------------------|--------------------|
| ● Python       | ● Data visualization    | ● Microsoft Azure  | ● Python           |
| ● AWS          | ● SQL                   | ● Machine Learning | ● AWS              |
| ● HTML, CSS    | ● Prediction Algorithms | ● Cloud Formation  | ● HTML, CSS        |
| ● Azure DevOps | ● NodeJs                | ● MongoDB          | ● Azure DevOpsData |

## Tools to Master



# Course Projects

## Beginner

### Data Analytics on Census dataset

The project is meant to analyze and predict whether an individual has an annual income of more than Rs 50000 or less using various machine learning techniques, some of which are supervised and unsupervised learning.

### Deploy a Multi-tier Website using AWS EC2

Enable fast scaling of a website using AWS, while ensuring low or 0 upfront cost. This multi-tier website deploying project also requires learners to successfully launch an EC2 instance to develop and deploy applications.

### Build a Drawing Application

The project includes using Javascript and Node.js to create a canvas where the users can draw things as they wish through the app. Add HTML and CSS to allow a seamless interface so that the users can draw while handling the mouse.

## Intermediate

### Analyzing impact factors of the pre-paid model in telecom

The goal of this project is to find the factors that have the maximum impact on the preferences of the prepaid model. It also aims at identifying the variables that are highly correlated with these impacting factors.

### Deploy a Multi-tier Website using AWS EC2

Successfully set up a load balancer for the backend resources. Also, it is suggested to ensure that the setting is such that a single frontend IP is exposed and a network watcher is available to generate alerts in the Azure portal.

### Build a Drawing Application

React to build an app that displays the weekly weather forecasts. The application should be usable and clear in user interface. The core requirement of the project is to use graphic libraries to display daily changes.

## Advance

### Twitter Sentiment Analysis

Build a sentiment analysis model using Deep Learning and NLP.

### Deployment of Application

Deploy an application using Kubernetes Cluster, RDS Database and AWS Code Pipeline.

### Macro Blogging Website Like Quora

Build a macro blogging website using various Full Stack Development Technologies

### Train Arrival prediction app

Build a system that tells users the arrival time, departure time, and delayed arrival/departure details of the train. As a core requirement of the project, users should be able to log in to the system with their credentials.

# Contact Us



**10 Million** Learners & 500+ corporates across  
155+ countries upskilling on Intellipaat platform

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