PLACEMENT AND TRAINING CELL

PLACEMENT YEAR 2020-2021

NAME : Aadarsh

ROLL NUMBER : 1631001

DEPARTMENT : M.Sc. Software Systems

EMAIL ID : aadarshbalraj@gmail.com

CONTACT NUMBER : 9842266246

COMPANY NAME : Optisol Business Solutions

COMPANY TYPE : CORE

JOB DESIGNATION : Full Stack Engineer

SALARY (CTC) : 4.5-5.5

INTERN OFFERED ? : Yes

BOND : No

HAVE YOU PLACED ? : Yes

COMMENTS ON SELECTION PROCESS :

1. Online Coding Test :

    This round had around 54 questions with a time limit of 135 minutes max.
    This is the most important round. Very in-depth questions are asked from subjects which relates to your Job Description.

2. Technical Interview: (30 min.)

    Make sure you are thorough with your resume and your projects. Don't say something you are not familiar with. Questions arise based on answers you give.

3. Managerial Round:

    This was telephonic round. Mostly talked about work and JD once you join the company. Communicate clearly as it will help a lot with this round. Be clear on what you want to work on.

AREAS TO PREPARE :

    1. Resume (Completely)
    2. Be thorough with subjects related to the position you are applying for.

OVERALL EXPERIENCE :

The interviewers were very friendly and patient. But they were strict at the same time. Their questions were quick and direct so it took some time to answer. But eventually they helped me in some parts.

GENERAL TIPS :

Have a well drafted resume. Resume speaks a lot.

PLACEMENT AND TRAINING CELL

PLACEMENT YEAR 2020-2021

NAME   : Varshni Devi B

ROLL NUMBER   : 1631060

DEPARTMENT   : M.Sc. Software Systems

EMAIL ID   : varshnibabu98@gmail.com

CONTACT NUMBER   : 9489231636

COMPANY NAME   : OptiSol Business Solutions Private Limited

COMPANY TYPE   : CORE

JOB DESIGNATION   : Data Analyst

SALARY (CTC)   : 4-7

INTERN OFFERED ?   : Yes

BOND   : No

HAVE YOU PLACED ?   : Yes

COMMENTS ON SELECTION PROCESS :

1. Online Test :

This Round consisted of 55 questions with maximum time limit of 135 minutes.It was conducted in IKM assessment platform.The questions were based on python proficiency and basics of data analytics and machine learning.

The topics include python dictionaries,functions, exception handling, NLP, Vision algorithm and Image processing, NoSQL etc.

2. Technical Interview

It started with self introduction and the projects mentioned in the resume.You are expected to give proper justification for the model you choose and its advantages over other models.The questions were related to the the models used, evaluation metric, LSTM, RNN,various kinds of activation functions, loss functions, vanishing gradient descent etc.They were also questions regarding REST API and whether the candidate is flexible to any kind of technolgy.

.

AREAS TO PREPARE :

1. Python
2. Machine Learning
3. Every topic/area of expertise mentioned in resume
4. Data Mining
5. Databases

SITES / BOOKS YOU SUGGEST FOR PREPARATION FOR THE PROCESS :

Analytics vidhya , Geeks for Geeks

Blogs on data science and machine learning interview questions from analytics

vidhya, edureka, springboard etc.

OVERALL EXPERIENCE :

The overall experience was good. Round 1 was challenging .The interviewers were friendly.

GENERAL TIPS :

- Have an idea of various machine learning models and its appropriate usage.
- Be clear with the things you have mentioned in your resume.
- Be relaxed and answer the questions with confidence.

PLACEMENT AND TRAINING CELL

PLACEMENT YEAR 2020-2021

NAME : M.Balamuruga

ROLL NUMBER : 1632003

DEPARTMENT : M.Sc Data Science

EMAIL ID : balamurugads@gmail.com

CONTACT NUMBER : 8681033633

COMPANY NAME : Optisol Business Solutions Private Limited

COMPANY TYPE : CORE

JOB DESIGNATION : Machine Learning Engineer

SALARY (CTC) : 4 LPA

INTERN OFFERED ? : YES

BOND : NO

HAVE YOU PLACED ? : YES

(Please comment this section __in detail__ to guide your juniors in bright way)

COMMENTS ON SELECTION PROCESS :

ROUND 1 : Online Test

Have you cleared the round : YES
Total Duration - 2 hours 30 minutes
Number of Questions - 54
Multiple choice questions on the following areas:
- Python Dictionaries
- Python Functions
- Python Regular Expression
- Python Exception Handling
- Python Comprehensions
- Python Functional Programming
- Natural Language Processing
- Statistical Machine Translation (SMT).
- Vision Algorithm and Image Processing.
- Supervised Learning algorithms
- Unsupervised Learning algorithms
- Exploratory Data Analysis
- Data Mining
- Relational Databases
- NoSQL Databases
- Data Analysis
- Modeling Data

ROUND 2 : Technical Interview

Have you cleared the round : YES
Duration : 20 minutes
Details about Questions on 2nd round:
Questions were mostly asked based on resume and the projects done.
Very few technical questions on Deep learning were also asked.
1.What is a neural network?
2.Explain LSTM architecture
3.Why drop outs are used?
4.Difference between VGGNet and ResNet.

AREAS TO PREPARE :
- Machine learning and Deep learning
- Computer vision and NLP concepts
- Communication skills.
- Deployment on Cloud.

SITES / BOOKS YOU SUGGEST FOR PREPARATION FOR THE PROCESS :

Books:
- Hands on Machine learning with Scikit-learn Keras and Tensorflow
- Deep learning Book

Podcast:
- Lex Fridman Podcast
- Deepmind Podcast

Blogs:
- Analytics Vidhya
- Medium-Towards Data Science,Tensorflow
- Pyimagesearch - Computer Vision
- Google AI
- Facebook AI
- Datacamp
- Batch-Deeplearning.ai

Youtube channel:
- 2 minutes paper
- Henry AI labs
- Sentdex
- Python Programmer
- Bhavesh Bhatt

OVERALL EXPERIENCE:
The whole process went through smoothly.

GENERAL TIPS :
- If you have some projects related to Deep learning, make sure you put that on your resume.
- Read the instructions of the online test carefully.

PLACEMENT AND TRAINING CELL

PLACEMENT YEAR 2020-2021

NAME   : Sharat Chandar M

ROLL NUMBER   : 1631048

DEPARTMENT   : M.Sc. Software Systems

EMAIL ID   : sharatchandar.m@gmail.com

CONTACT NUMBER   : 9487911141

COMPANY NAME   : OptiSol Business Solutions

COMPANY TYPE   : CORE

JOB DESIGNATION   : UI Programmer

SALARY (CTC)   : 4-7 LPA

INTERN OFFERED ?   : Yes

BOND   : No

HAVE YOU PLACED ?   : Yes

COMMENTS ON SELECTION PROCESS :

1. Online Aptitude Test:

    General Aptitude round.

2. Online Technical Aptitude Test:

    Technical Aptitude on JavaScript and React JS. Test Syllabus was shared and we were given a time period of 1 week to prepare and take up the test accordingly. Test consisted of 54 questions to be taken over a time period of 2 hours.

    Test Syllabus:
    Arrays, Operators and Expressions, String Handling, Variables and Syntax, Arrow Functions, Promises, Asynchronous Programming, JavaScript and the DOM, Handling Forms, Using JSON, Databases, React.js: Events, Refs and Router, React.js: Components, React.js: Configuration and Setup, React.js: JSX, React.js: Lifecycle Methods, React.js: Props, React.js: State

3. Online Technical Interview:
    The Interview was with the head of UI team. After the introduction, I was asked to explain some of the projects I was involved in. I was also asked explain the work I did during my seventh semester intern. Since I worked on Ruby on Rails for seventh semester intern, I was asked to define and differentiate the Ruby on Rails and React JS. A few scenarios were given and I was asked to pick a UI stack that best suited that scenarios and defend the decision. Questions on inner workings of React and JavaScript like Explain the Lifecycle of React Components, how does the garbage collector work, Closure etc were asked. Some of the famous JS libraries like Redux, jQuery, D3.js, socket.io were discussed in detail. Few questions on Databases were asked with particular emphasize on NoSQL Databases and ORM.

4. HR Interview:
    This round was more like fitment round. The interview was conducted by the Director of the Coimbatore branch. The workings and goals of the company were explained in detail. Various roles, company policies, salary packages and benefits in the company were also explained.

SITES / BOOKS YOU SUGGEST FOR PREPARATION FOR THE PROCESS:

    javascript.info
    reactjs.org/docs
    MDN web docs
    css-tricks.com

OVERALL EXPERIENCE:
    The process was very smooth and exceeded expectations. The technical rounds were specific to the role rather than following a general pattern. The interviewer was very helpful.

GENERAL TIPS:
    Know each and every word in your Resume. Since the role is very specify make sure to cover all the bases. Also try to increase your tech stacks.