

IAURO EXPERIENCE - Sugriv Arbad

There were 4 rounds :

- 1] Aptitude (Proctored – Camera on)
- 2] Technical round 1 (Face to Face)
- 3] HR round (Face to Face) – usually this is last round but it was quite different here
- 4] Technical round 2 (Face to Face)

1] Aptitude (40 min) :

basic math questions and basic computer science questions.

And one last question write an algorithm in your words (given problem statement)

2] Technical round 1 (30 min) :

- *first asked questions based on my introduction and projects (Half time I consumed there)*
- *what are the OOPS concepts*
- *Explain each OOPS concept which u know and they asked cross questions on each*
- *how good you are at JAVA, rate yourself*
- *what is linked list and it's types*
- *explain doubly linked list*
- *what malloc() function returns*
- *difference between malloc and calloc*
- *what is Tree and what are tree traversal techniques*
- *what are the different algorithm related tree*
- *what is primary key and foreign key*
- *what is join, what are different types of join, and explain each*

3] HR round (30 min) :

- *Based on my Intro he aksed me questions (so be careful about your intro)*
- *Basically he indirectly asked me questions related to*

my values, culture, interest, philosophy, likes n dislikes, behaviour

4] Technical round 2 (40 min) :

- Again same thing, based on my Intro and Projects he asked me questions (It took 20 minutes)

(Note : I have written my intro on last page and also attached resume)

- What is linked list and where we are using it*
- difference between array and linked list*
- what is tree*
- what is mean heap and max heap*
- what is Red-Black tree*
- different algorithm to find out Minimum Spanning Tree (MST)*
- What is Dynamic Programming. Give real life example*
- What is Greedy algorithm*
- Then asked me to code on fibonacci series.*

And then can you do it in a better way by reducing code size and complexity.

And Do the same using recursive approach

My Introduction :

Note 1 : *I have prepared two Intro's.*

1] Technical Intro for Technical round

2] Non-Technical Intro for HR round

Note 2 : *I have not given such lengthy intro which I have written below. I tried to fit it in between 1 to 2 minutes by deducting some points from it.*

1] Technical Intro :

Hello sir,

My name is Sugriv Arbad and I'm from Maharashtra, Beed District. I have graduated from Camp Education Society, Nigdi. During graduation I was always in top 10 list and regular participant for coding contests

organized by different colleges. Since, last 2 years I'm organizing coding contests for students.

Now I'm pursuing my Master's degree in Computer Application from Department of Computer Science, Pune University.

In 1st semester I came across concept called Predicate logic and formal ways, where I learned how much it is important to have clarity of thought before writing program. Also I learned GOFER language which is based on recursive approach.

In 2nd semester I did two projects, first one I wrote my own memory allocation function like malloc() in C and another in networking, where server is sending file to multiple clients.

In 3rd semester I opted course called ADT where I developed interest in PostgreSQL.

In 4th semester I learned DOCKER and some basic concepts of cloud computing and also developed my business intelligence through PDM course.

In 5th semester, I completed my Internship from "Genus IT Solution" where worked on project "ECOMMERCE SHOP" using PHP and MySQL.

In 6th semester, I'm working on source code of PostgreSQL doing some minor changes in it and side by side working on a project "INVESTMENT IN AUTOMOBILES" using Python, Kafka, JS, JQuery which is in progress.

These are the things which I have learned so far and looking forward to learn more.

Thank you!

2] Non-Technical Intro :

Hello sir,

My name is Sugriv Arbad and I'm from Maharashtra, Beed District. I completed schooling from my village where I was always in top 3. I have also won first prize for philosophical debate contest and for 2 times won first prize for math contests.

In 12th standard I was first runner up for chess contest.

I have graduated from Camp Education Society, Nigdi. During graduation I was always in top 10 list and regular participant for coding contests organized by different colleges. Since, last 2 years I'm organizing coding contests for students.

I was a part of world record through ISKCON organization during lockdown for distributing most no. of meals to people those who were not able to afford.

Also I'm management member and anchor for youth program organized by ISKCON.

Now I'm pursuing my Master's degree in Computer Application from Department of Computer Science, Pune University.

I have worked technologies like C, Python, Java, Haskell, Erlang, PostgreSQL, SQLite, Linux commands, Vim editor, Javascript, JQuery, HTML, CSS, Docker, KAFKA.

These are the things which I have learned so far and looking forward to learn more.

Thank you!

PFA : MY RESUME ON NEXT TWO PAGES

Sugriv V. Arbad

I am exploring source code of PostgreSQL.

I like logical discussions & debates.

I was also a part of world record for providing meals to people during lockdown.

✉ arbad sugriv@gmail.com

📅 20/02/1998

☎ 9158283547

🌐 <https://www.linkedin.com/in/sugriv-arbad-a7a529164/>

COMPETENT :

C, PostgreSQL, Vim editor, Linux(ubuntu) CLI, Bash shell, dynamic programming

BEGINNER :

Haskell, Python, SQLite, GDB, git, Javascript, jQuery, HTML/CSS, Erlang, Java

CERTIFICATION :

hackerrank : <https://www.hackerrank.com/arbad sugriv>

- Problem Solving (Basics)
- Problem Solving (Intermediate)
- Python (Basics)

PROJECTS AND ASSIGNMENTS :

- Design own memory allocation function like malloc() in 'C' language
<https://github.com/SugrivArbad/myMalloc-function-in-C>
 - created my malloc() function which behaves like a malloc() function in C
 - I have also created yfree() function which frees up memory allocated by ymalloc() function. It behaves like a free() function in C.
- UI design using Javascript, JQuery, HTML/CSS for displaying, maintaining, storing data of students.
<https://github.com/SugrivArbad/UI-design-for-students-data>
 - created simple UI design using 4 buttons considering UX
 - storing data in JSON format using single variable
 - manipulation on students data
- Sending messages from server to multiple client.
<https://github.com/SugrivArbad/message-passing>
 - one program run as a server and other program run as a client
 - pass your file from server to client
- Simple Calculator using ElectronJS framework
<https://github.com/SugrivArbad/simple-caculator-using-ElectronJS>
 - Created simple calculator using ElecttronJS framework
 - used HTML and CSS done on onclick() event.

INTERNSHIP :

Genus IT Solution

01/11/2020 - 31/03/2021

<https://www.genusitsolution.com/>

Technology used :

PHP, MySQL

Project : Ecommerce Shop

QUALIFICATION :

Education	Institution	Grade	Year
M.C.A.	SPPU(Comp.Sci.Dept.)	Second Class	2018-2021
B.C.S.	SPPU	Distinction	2015-2018
12th	MSBSHSE	First Class	2014-2015
10th	MSBSHSE	Distinction	2012-2013

INTERESTS and ADDITIONAL SKILLS :

- Management member and anchor for youth program(Prerana festival)
- Tutor for kids, like to solve Basic Maths Problems, Diary writing, Reading Spiritual Books
- Cooking, Swimming, Dancing, Playing Mridanga