



SNS COLLEGE OF ENGINEERING

Kurumbapalayam (Po), Coimbatore – 641 107



AN AUTONOMOUS INSTITUTION

Accredited by NBA – AICTE and Accredited by NAAC – UGC with 'A' Grade
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

19CC511 – TECHNICAL INTERVIEWING

Practical Record



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19CC511 – TECHNICAL INTERVIEWING

Practical Record

Name :

Register Number :

Class :

Semester :



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Name :

Class / Semester :

Register Number:

Certified that this is the bonafide record of work done by the above student for the **19CC511 - TECHNICAL INTERVIEWING** during the year **2023 to 2024**.

Signature of the faculty

Head of the Department

Submitted for the practical Examination held on.....

Internal Examiner

External Examiner

Ex. No	Name of the Experiment	Page No	Signature
1	Printed Resume	1	
2	Technical Video Resume	2	
3	Presentation on Dream company	3	
4	Linkedin connection Establishment	7	
5	Technical Certification on Area of Interest	12	
6	Hackathon / Coding Contest / Industry Specific contest	13	
7	Virtual Interview	14	
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10	Automata and Automata Fix	18	



SANTHOSH M

FULLSTACK WEB ENGINEER

CONTACT

MOBILE: +91 8838144509

EMAIL: santhoshmsanthosh.1916@gmail.com

WEBSITE: <https://santhosh-m0123.github.io/portfolio/>

GITHUB: <https://github.com/Santhosh-M0123/>

INTERSHIPS & EXPOSURES

FULLSTACK WEB DEVELOPER MAR 2023 -

FREELANSER'S LEAGUE Ongoing

Freelancers' League is a marketplace where brands and businesses can find skilled people to get their job done on time. As a intern I had an opportunity work with live projects and had a great collab session with senior developer from top company

WEB DEVELOPER JUN 2023 -

FREELANCER JULY 2023

Contributed as a dedicated web freelancer on two successful live projects, demonstrating proficiency in web development, problem-solving, and client collaboration..

EDUCATION

BACHELOR OF ENGINEERING 2021 - 2025

SNS COLLEGE OF ENGINEERING
B.E / Computer Science and Engineering

HIGHER SECONDARY EDUCATION 2016-2020

VELAMMAL MATRIC HR SECONDAY SCHOOL

PROFILE

Hello, I'm Santhosh, Web Developer with a passion for programming and a drive to create exceptional online experiences, Skilled in front-end and back-end development. Delivered high-quality solutions that aligned with project objectives, showcasing strong attention to detail and effective communication skills, Let's connect and build the next generation of web solutions together

PROJECTS

ONEPLACE STUDIO

AUTHENTICATOR

URL SHORTNER

FITNESSHUB

SKILLS

- Frontend coding
- Backend coding
- Database querying
- Unit testing
- Api development
- Logical thinking
- Problem solving
- Saas development

PROGAMMING SKILLS

- Javascript
- Typescript
- React + Redux
- Next js
- Nodejs + Express
- Python + django
- JavaSE
- Mysql
- MongoDB
- Git & Github

Video Resume Link - https://youtu.be/Bqon5GdmBJs?si=Iz_CLwtNuFCtIsb2



I'm Santhosh M, a passionate and dedicated full-stack developer eager to embark on an internship journey. With a strong foundation in both front-end and back-end technologies, I bring a unique blend of creativity and logical problem-solving to the development process.

On the front end, I specialize in crafting seamless user experiences using modern frameworks like React. I enjoy transforming design concepts into responsive and intuitive interfaces that captivate users.

Equally at home on the back end, I've worked with technologies such as Node.js and Express to build robust server-side applications. My database skills include working with both SQL and NoSQL databases, ensuring data integrity and optimal performance.

During my academic journey and personal projects, I've honed my skills in version control (Git), API integration, and deployment strategies. My commitment to staying updated with the latest industry trends ensures that the solutions I create are both cutting-edge and maintainable.

I am excited about the opportunity to contribute my skills to a dynamic team, learn from experienced professionals, and make a meaningful impact during my internship. Let's collaborate to bring innovative ideas to life!



What is Zoho?

- Zoho provides office suite products through an array of rich online applications targeting mostly small and medium businesses.
- Has over 25 different applications spanning collaboration, business and productivity apps
- Zoho helps businesses and organizations increase productivity & make collaborations easier. Applications are delivered over the internet, requiring nothing but a browser.

Collaboration Apps



- Chat-makes communicating easier and faster
- Docs-store and share files
- Discussion- create external and internal communities where problems are solved, topics are discussed and ideas are exchanged
- Mail- email businesses and professionals
- Meeting- online meetings and web conferences
- Projects- organize projects, generate reports
- Wiki- online portals for content sharing and group collaboration

Productivity Apps




- Calendar-manage and schedule events/meetings/appointments
- Notebook- create different types of content such as text, audio, image, video etc
- Show-create presentations online
- Sheet-create,share,or collaborate on spreadsheets
- Writer-easy online word processor



Business Apps


- Assist- provides a simple and straight forward user interface to connect to remote computers anywhere on the globe
- Challenge- Ideal for schools, teachers, coaching centers and organizations to quickly and efficiently administer tests for students, employees and candidate
- Creator- creates online database software
- CRM- tracks sales and manage inventory
- Invoice- manage invoices online, accept payments online, helps you stay on top of your business





Bill Gates
Co-chair, Bill & Melinda Gates Foundation
Talks about #books, #healthcare, #innovation, #climatechange, and #sustainability
Seattle, Washington, United States · [Contact info](#)
36,224,177 followers
Followed by Sanjay M, Abinesh Jino, and 326 others









  


 


 Bill & Melinda Gates Foundation




 Harvard University




       





Suresh Kumar G · 2nd
Founder & CEO of Pepul. Pepul is a social media that enables Creators Economy. Pepul's promise to creators are 4R's Respect, Rewards, Reach & Revenue. Bootstrapped million dollar company Macappstudio
Talks about #success, #leadership, #motivation, #startups, and #entrepreneurship
Chennai, Tamil Nadu, India · [Contact info](#)
202,457 followers · 500+ connections




  


Featured





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 **Yazhini Shanmugam (Param)** · 2nd
Co-Founder & CEO at Ticket 9



 **Vilav Shekhar Sha** · Messaging




Dr Padmanand Vasanthasekaran (He/Him) · 2nd
Vice President| Pepul | Branding | Ex- Assistant Director - VIT Vellore
Talks about #jobsearch, #placement, #vitvellore, and #recruitment
United Kingdom · [Contact info](#)
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Highlights




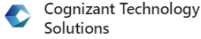



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Assistant Director, career Development Centre and...





 **Sathish Arumbi Saravanan** · 3rd
Professor and Assistant Director - Placements, VIT...
 

5



Ramesh Kalyan  (He/Him) · 1st
 Delivery Director at Cognizant Coimbatore
 Coimbatore, Tamil Nadu, India · [Contact info](#)
 500+ connections
 Jagadeesh Balasubramanian, Tharun Kumar, and 20 other mutual connections


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Priyadharshini Pachamuthu · 1st
 HR @Bluecode | Full life cycle recruiting | Payroll Management |
 Employee Engagement | Employee Relations
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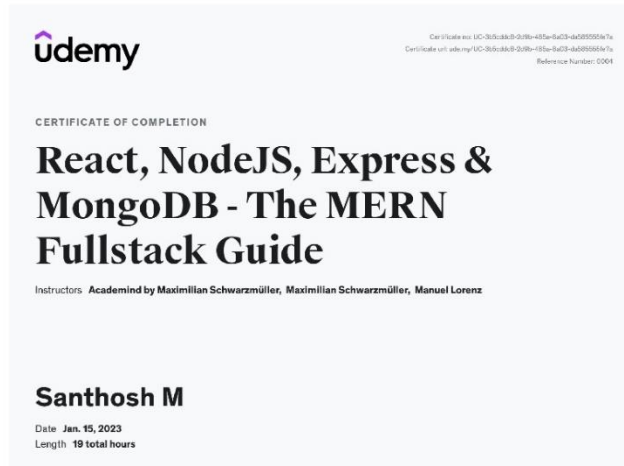



Ashwath R  · 1st
 Software developer @ ZOHO
 Coimbatore, Tamil Nadu, India · [Contact info](#)
 500+ connections
 Gowtham R, Parameswaran E, and 16 other mutual connections

[Message](#) [More](#)

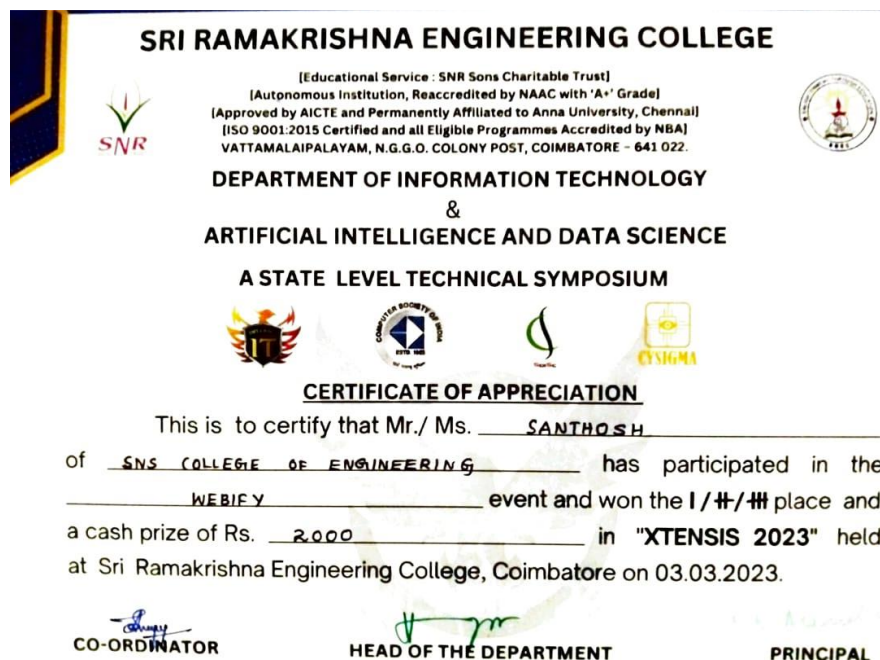
Ex No : 05

Technical Course Certification



Ex No : 06

Hackathon / Coding contest /Industry Specific Contest



Ex No : 07

Virtual Interview

Interviewer Name: Mrs. Girish

Meeting Link: <https://meet.google.com/dhn-jznh-pyg>

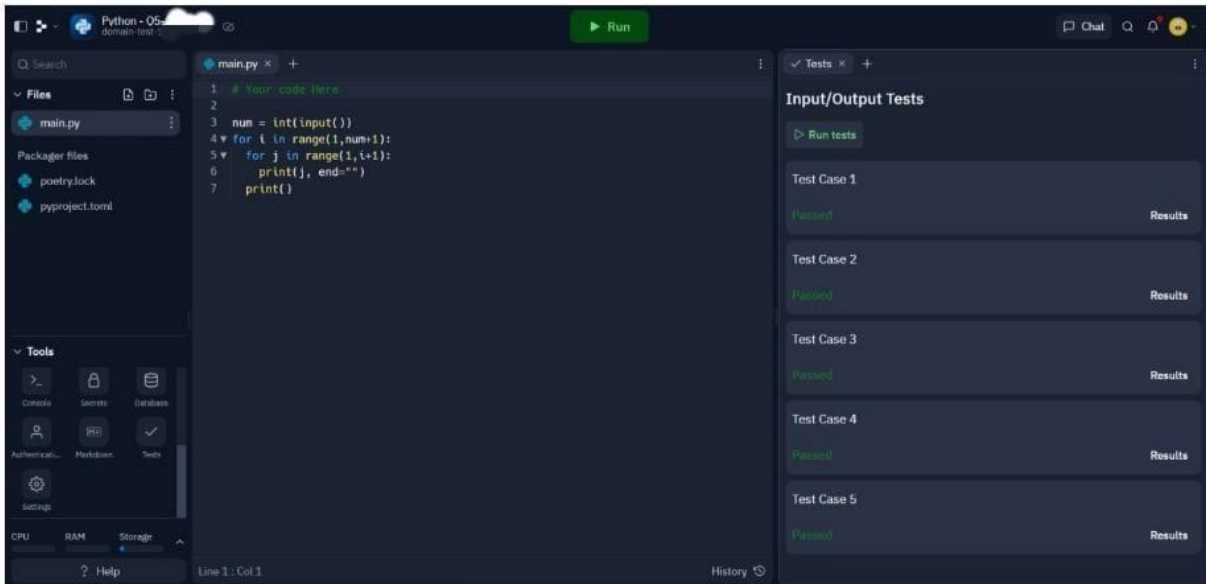
Video Link: <https://tinyurl.com/v45vs5tz5>



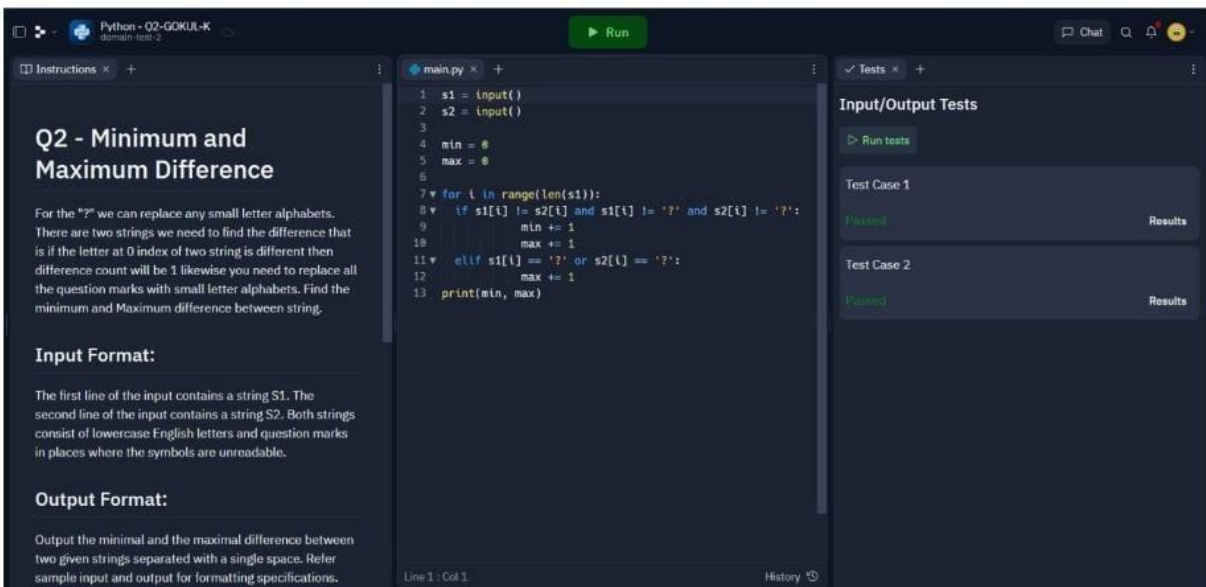
Ex No : 08

Domain Portal

Domain Portal Test 1 Link - <https://tinyurl.com/domain-portal-test-1>



Domain Portal Test 2 Link - <https://tinyurl.com/domain-portal-test-2>



Ex No : 09

Technical Interview

Technical Interview Test 1 link: <https://forms.gle/NKyw1Q6b5wZQBC2U7>

Technical Interview Test 2 link: <https://tinyurl.com/dufka62p>

Technical Interviewing - 1

Please fill out the basic details:

The respondent's email (gokulk.cse.2020@snscw.ac.in) was recorded on submission of this form.

Register Number *

20CEC5014

Name *

GOKUL K

Domain Mail ID *

gokulk.cse.2020@snscw.ac.in

Department *

CSE

Unit 1

Select the appropriate answer for each of the following questions

✓ What is the time complexity of the binary search algorithm? *

☒ $O(\log 2n)$ ✓

☐ $O(1)$

☐ $O(n)$

☐ $O(n * 2)$

✓ What is the information, which a LinkedList's Node must store? *

☐ None of the above

☐ The value of the current node

☐ The address of the next node

☒ Both value & next address ✓

docs.google.com/for

ASSESSMENT-2(PYTHON)

divyabharathi79@gmail.com Switch accounts Saving...

Your email address will be recorded when you submit this form

* Indicates required question

Python MCQ questions

1. What will be the value of the following Python expression? * 1 point
 $4 + 3 \% 5$

☒ 7

☐ 2

☐ 4

☐ 1

2. Which of the following character is used to give single-line comments in Python? * 1 point

☐ //

☒ #

☐ !

☐ /*

3. What will be the output of the following Python code? * 1 point

```
i = 1
while True:
    if i%3 == 0:
        break
    print(i)
    i += 1
```

☐ 1 2 3

☒ error

☐ 1 2

☐ none of the mentioned

4. What will be the output of the following Python code snippet 1 point
if $x=1$?
 $x < 2$

☒ 4

☐ 2

☐ 1

☐ 8

Clear selection

5. What will be the output of the following Python code? * 1 point

```
l=[1, 0, 2, 0, 'hello', '']
list(filter(bool, l))
```

☐ [1, 0, 2, 'hello', '']

☐ Error

☐ [1, 2, 'hello']

☐ [1, 0, 2, 0, 'hello', '']

Technical Interview Test 3 link: <https://tinyurl.com/5c47mfmx>

Technical Interview Test 4 link: <https://tinyurl.com/5fptptxu>

🏠

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+

🔒

🔒

ASSESSMENT-3(07/09/2023)

divyab.p.cse.2021@ansce.ac.in Switch account

🔄 Saving...

Your email will be recorded when you submit this form

* Indicates required question

General MCQ questions

16.What will be the output of the following code snippet? * 1 point

```
def solve(a, b):  
    return b if a == 0  
else solve(b % a, a)  
print(solve(20, 50))
```

☒ 10

☐ 20

☐ 50

☐ 1

1.What will be the output of the following Python code? * 1 point

```
x = 'abcd'  
for i in x:  
    print(i.upper())
```

☐ a B C D

☐ a b c d

☐ error

☒ A B C D

2.What will be the output of the following Python code snippet? * 1 point

```
for i in [1, 2, 3, 4][::-1]:  
    print(i)
```

☒ 4 3 2 1

☐ error

☐ 1 2 3 4

☐ none of the mentioned

11.The cout << sales[0] + sales[1]; statement will _____. * 1 point

☐ (A) Display 22000

☐ (B) Display 10000 + 12000

☐ (C) Display sales[0] + sales[1]

☐ (D) Result in an error

20.What will be the output of the following code snippet? * 1 point

```
def check(a):  
    print("Even" if a % 2 == 0 else "Odd")
```

```
check(12)
```

☐ Even

☐ Odd

☐ Error

☐ None

🏠

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+

🔒

🔒

ASSESSMENT - 4

Total points 45/50

The respondent's email (divyabharathip79@gmail.com) was recorded on submission of this form.

Untitled section 0 of 0 points

REGISTER NO: * 713321C8013

QUESTIONS 45 of 50 points

✓ Which of these keywords is used to refer to member of base class from a sub class? *1/1

☐ A. upper

☒ B. super

☐ C. this

☐ D. None of the mentioned

✓ Defining methods with same name and different no. of parameters are called *1/1

☐ A. Method overriding

☒ B. method overloading

☐ C. Dynamic method dispatch

☐ D. none of the above

✓ Which of these is correct way of inheriting class A by class B? * 1/1

☐ A. class B + class A {}

☐ B. class B inherits class A {}

☒ C. class B extends A {}

☐ D. class B extends class A {}

✓ Java supports input/output of data through the classes included in the _____ package *1/1

☐ A. oi

☐ B. java.out

☐ C. java.in

☒ D. java.io

✓ What is the size of int data type in java? * 1/1

☐ A. 1 bytes

☐ B. 2 bytes

☒ C. 4 bytes

☐ D. 8 bytes

12

Ex No : 10

AUTOMATA & AUTOMATA FIX

Automata 1 Test link: <https://forms.gle/sSbwUZReyw68a3PA8>

Automata 2 Test link: <https://forms.gle/vwqnJ5iRfxBULyqi7>

AUTOMATA - 1

 Draft saved

Your email will be recorded when you submit this form

* Required

Questions

Analyze the code and find the errors & rectify them (type the code in answer part)

Debug the errors *

01

```
#include <stdio.h>
int main()
{
    int num, LD;
    printf("Enter a number<4500);
    scanf("%d", &num);
    LD = num / 10;
    printf("The Last Digit of a Given Number %d = %d", num, LD);
    return 0;
}
```

LD = num % 10

02 *

```
void palindrome(int number)
{
    int rev = 0, store, n1, left;
    n1=number;
    store= number;
    while (number > 0)
    {
```

AUTOMATA - 2

 Draft saved

* Required

Questions

Analyze the code and find the errors & rectify them (type the code in answer part)

Debug the errors *

01

```
int Search(int a[], int start, int last, int item)
{
    int mid;
    if(last >= start)
    {
        mid = (start + last)/2;
        if(a[mid] == item){
            return mid+1;
        }
        else if(a[mid] < item){
            return Search(a,start,mid+1,item);
        }
        else{
            return Search(a,mid-1,last,item);
        }
    }
    return -1;
}
```

```
int Search(int a[], int start, int last, int item)
{
    |
```

Automata Fix 1 Test link: <https://forms.gle/wA1FUT4Ap743bSNZ7>

Automata Fix 2 Test link: <https://forms.gle/MYttwbRkLCQZyK5P6>

AUTOMATA FIX - 1

* Required

Questions

Analyze the code and find the errors & rectify them (type the code in answer part)

Debug the errors *
01

```
#include <stdio.h>

int main()
{
    int i,j,n;
    printf("Enter the number of rows: ");
    scanf("%d",&n);
    for(i=1;i<=n;i=i+1)
    {
        for(j=1;j<=i;j=j+1)
        {
            printf("%d",i);
        }
        printf("\n");
    }
    for(i=n;i>=1;i=i-1)
    {
        for(j=1;j<=i;j=j-1)
        {
            printf("%d",i);
        }
    }

    return 0;
}
```

AUTOMATA FIX - 2

* Required

Questions

Analyze the code and find the errors & rectify them (type the code in answer part)

Debug the errors *
01

```
#include <stdio.h>

int main()
{
    int a=0,b=1,c,n,i=2,sum=0;
    printf("n : ");
    scanf("%d",&n);
    while(i<=n)
    {
        c=a+b;
        a=b;
        b=c;
        sum=sum+c;
        i++;
    }
    printf("%d",sum);
    return 0;
}
```

```
int a=0, b=1, c, n, i=2, sum=0;
while(i<=n){
    ...
}
```

