

# **PORT FOLIO**

## **21CSC203P –ADVANCED PROGRAMMING PRACTICE**

**Yash Gupta**

**RA2411033010019**

### **DEPARTMENT OF COMPUTING TECHNOLOGIES**



### **FACULTY OF ENGINEERING AND TECHNOLOGY**

### **SCHOOL OF COMPUTING**

### **SRM INSTITUTE OF SCIENCE AND TECHNOLOGY**

### **KATTANKULATHUR**

**OCTOBER 2025**

### **MARK RUBRICS**

<b>ABOUT ME(1)</b>	
<b>PROJECT PROFILE(1)</b>	
<b>GITHUB LINK-2.5 EACH (5)</b>	
<b>CERTIFICATE AND ACHIEVEMENT (3)</b>	
<b>E-CURRICULA (10)</b>	
<b>HACKER RANK(5)</b>	

# Advance Programing Practice Student Portfolio

## ABOUT ME

I'm Yash Gupta, a 2nd-year Computer Science and Engineering student specializing in Software Engineering at SRM University. I'm passionate about Java development, software engineering, and problem-solving. I enjoy exploring emerging technologies and applying them to create efficient, real-world applications.

My goal is to become a skilled software engineer with strong expertise in Java and software development practices, contributing to innovative projects that make a meaningful impact. I'm committed to continuous learning, improving my technical skills, and growing as a developer

## PROJECTS

### **Project:** Web Translator Application

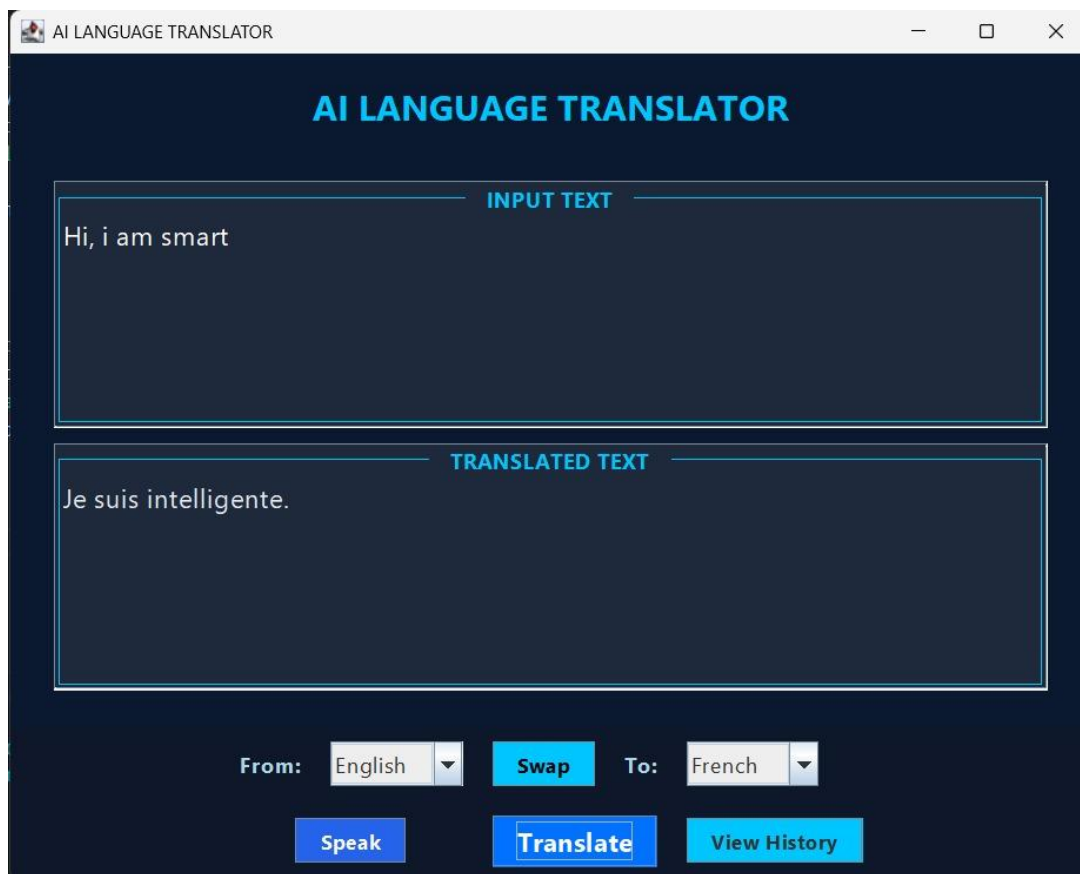
The Web Translator Application is a Java desktop program that combines speech recognition, API integration, and database management to enable instant multilingual translation.

It supports both voice and text inputs, processes them through CMU Sphinx for speech-to-text conversion, and uses the MyMemory Translation API for real-time translation.

A MySQL database integrated via JDBC stores user translation history, while the Java Swing GUI provides an intuitive and interactive interface.

### **Core Achievements:**

- Implemented seamless integration between voice input, translation, and data storage modules.
- Ensured efficient data retrieval and error handling for improved user experience.



## CERTIFICATES & ACHIEVEMENTS

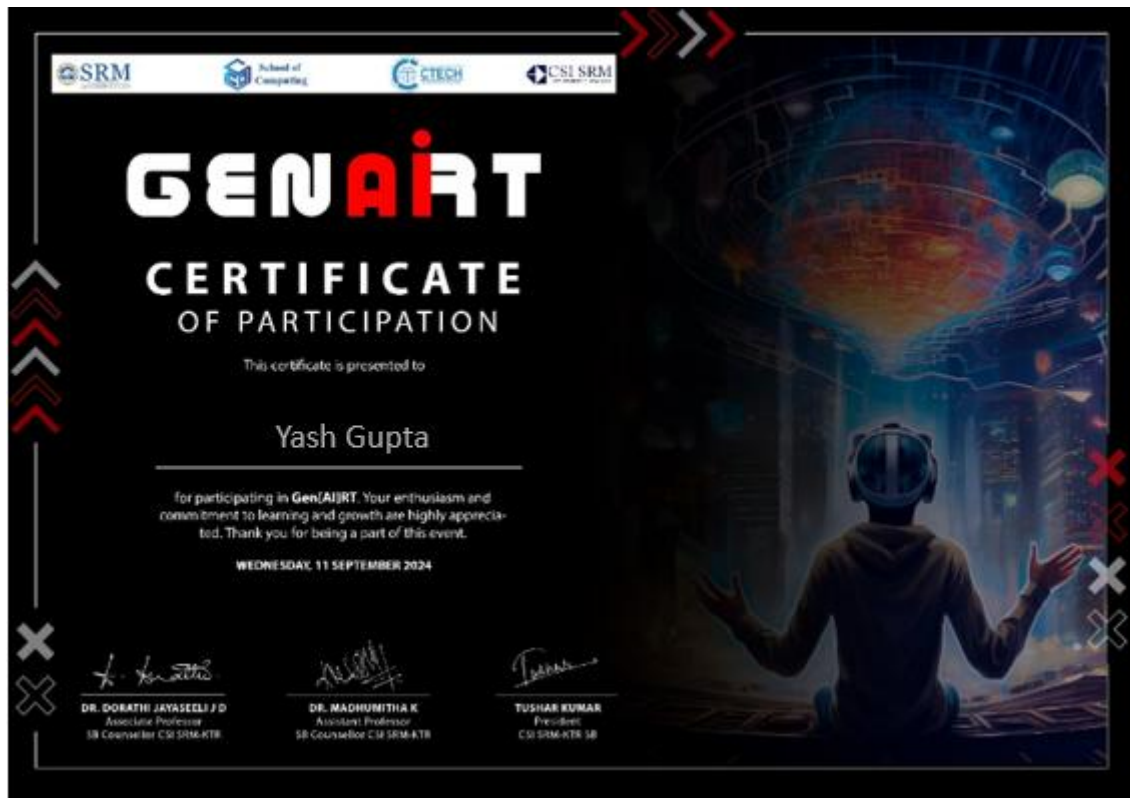
### NPTEL

The screenshot displays the NPTEL course interface for 'Programming in Java'. The user is logged in as 'yg7565@srmsr.edu.in'. The course progress is shown as 35.67%. The assessment scores table is as follows:

Assessment scores	
NOTE: Please scroll down to see all assignment scores	
Week 01 - Programming Assignment 1	100.0
Week 01 - Programming Assignment 2	100.0
Week 01 - Programming Assignment 3	100.0
Week 01 - Programming Assignment 4	100.0
Week 01 - Programming Assignment 5	100.0
Week 1 Assignment 1	100.0
Week 2 Assignment 2	88.0
W02 Programming Assignments 1	100.0

The course outline on the left lists weeks 0 through 8. The unit-wise progress section is also visible.

### •Participation in Hackathons / Coding Competitions



# CERTIFICATE OF PARTICIPATION

This is to certify that

**Yash Gupta**

Has actively attended the t3 Tezos Guild 2024 : Chennai  
organized by THE PRODUCT HOUSE X SRMIST on 5th October 2024



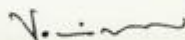
NWCH.O.D  
DR.ANNAPURANI.K

## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms.

**YASH GUPTA**

has participated at HACK SUMMIT,  
organised by Team Aaruush, SRMIST, Kattankulthur



**Dr. Varshini Karthik**  
Chairman and Convenor, AARUUSH  
Prof. of Biomedical Engineering

# CERTIFICATE

## OF PARTICIPATION GENESIS MINI - HACK 2025

Awarded to

**Yash Gupta**

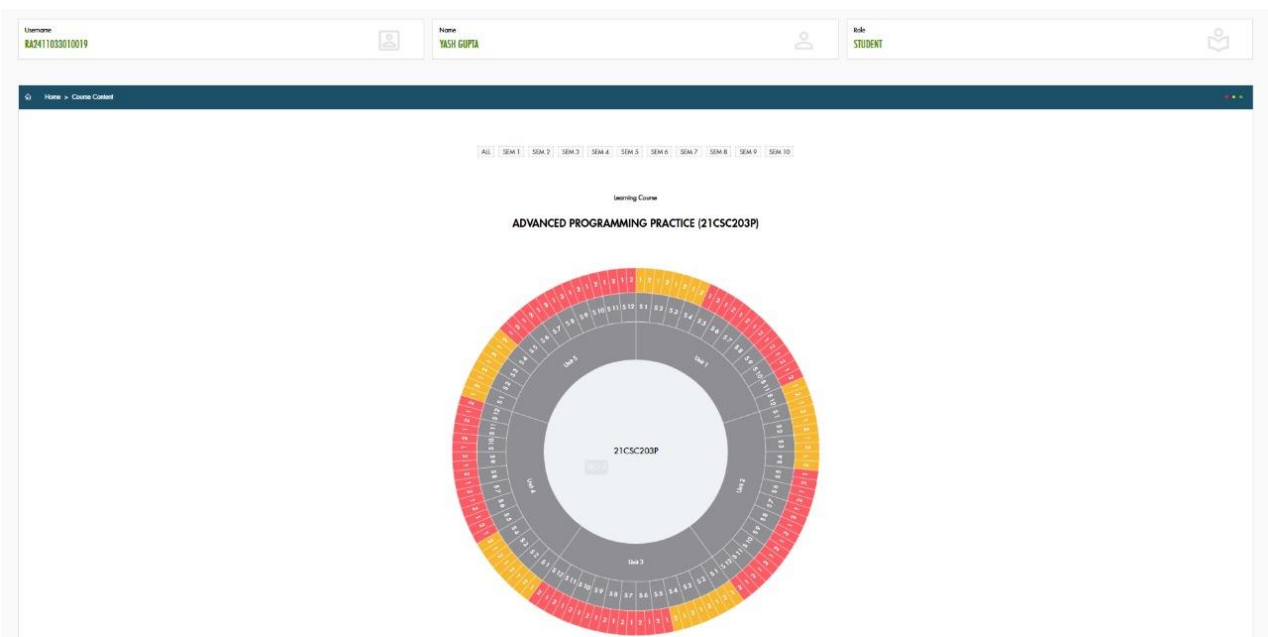
Has actively attended the Hackathon Genesis Mini Hack  
hosted by THE PRODUCT HOUSE X SRMIST on 2<sup>nd</sup> April  
2025.

April 2, 2025



**Dr.M.Lakshmi**  
NWC HOD

### E-CURRICULA COMPLETION –



## HACKER RANK PROBLEM COMPLETION:


### HACKER RANK PROFILE LINK

<https://www.hackerrank.com/profile/yg7565>

### UPDATE

HackerRank | Prepare | Certify | Compete

Search

Yash Gupta   
@yg7565

Complete your profile  
Add your missing details →  
This data will be helpful to auto-fill your job applications

80%

Personal Information

yg7565@srmist.edu.in  
+91-7895864944  
India

My Badges

Java \*\*\*\*\*  
Python \*\*\*\*\*  
Sql \*\*\*\*\*

### JAVA

### Progress

HackerRank | Prepare | Certify | Compete

Search

Prepare > Java

21/64 challenges solved  
Rank: 254435 | Points: 251

Java

Welcome to Java!  
Easy, Max Score: 3, Success Rate: 97.10%

★ Solved

Java Stdin and Stdout I  
Easy, Java (Basic), Max Score: 5, Success Rate: 96.83%

★ Solved

Java If-Else  
Easy, Java (Basic), Max Score: 10, Success Rate: 91.79%

★ Solved

STATUS

☒ Solved  
☐ Unsolved

SKILLS

☐ Java (Basic)  
☐ Java (Intermediate)  
☐ Problem Solving (Intermediate)

DIFFICULTY



HackerRank

PrepareCertifyCompete

Search

Prepare > Java

Java

21/64 challenges solved

Rank: 254435 | Points: 251

Tag Content Extractor

Medium, Java (Basic), Max Score: 20, Success Rate: 95.34%

★

Solved

Java 1D Array (Part 2)

Medium, Java (Basic), Max Score: 25, Success Rate: 74.64%

★

Solved

Java Stack

Medium, Java (Basic), Max Score: 20, Success Rate: 92.75%

★

Solved

STATUS

☒ Solved

☐ Unsolved

SKILLS

☐ Java (Basic)

☐ Java (Intermediate)

☐ Problem Solving (Intermediate)

DIFFICULTY

## PYTHON

HackerRank

PrepareCertifyCompete

Search

Prepare > Python

Python

175 more points to get your gold badge!

Rank: 592432 | Points: 225/400

Say "Hello, World!" With Python

Easy, Max Score: 5, Success Rate: 96.15%

★

Solved

Python If-Else

Easy, Python (Basic), Max Score: 10, Success Rate: 89.71%

★

Solved

Arithmetic Operators

Easy, Python (Basic), Max Score: 10, Success Rate: 97.28%

★

Solved

STATUS

☒ Solved

☐ Unsolved

SKILLS

☐ Problem Solving (Basic)

☐ Python (Basic)

☐ Problem Solving (Advanced)

☐ Python (Intermediate)

HackerRank

PrepareCertifyCompete

Search

Prepare > Python

Python

175 more points to get your gold badge!

Rank: 592432 | Points: 225/400

Write a function

Medium, Python (Basic), Max Score: 10, Success Rate: 90.40%

★

Solved

The Minion Game

Medium, Python (Basic), Max Score: 40, Success Rate: 87.42%

★

Solved

STATUS

☒ Solved

☐ Unsolved

SKILLS

☐ Problem Solving (Basic)

☐ Python (Basic)

☐ Problem Solving (Advanced)

☐ Python (Intermediate)

HackerRank

Prepare

Certify

Compete

Search

Python

175 more points to get your gold badge!

Rank: 592432 | Points: 225/400

Python

\*\*\*\*

Maximize It!

Hard, Problem Solving (Basic), Max Score: 50, Success Rate: 83.24%

Solved

✓

Validating Postal Codes

Hard, Max Score: 80, Success Rate: 87.48%

Solved

✓

STATUS

✓ Solved

□ Unsolved

SKILLS

□ Problem Solving (Basic)

□ Python (Basic)

□ Problem Solving (Advanced)

□ Python (Intermediate)

## SQL

HackerRank

Prepare

Certify

Compete

Search

Prepare > Sql

Sql

45/58 challenges solved

Rank: 237917 | Points: 660

SQL

Revising the Select Query I

★

Solved

Easy, SQL (Basic), Max Score: 10, Success Rate: 95.99%

Revising the Select Query II

★

Solved

Easy, SQL (Basic), Max Score: 10, Success Rate: 98.74%

Select All

★

Solved

Easy, SQL (Basic), Max Score: 10, Success Rate: 99.54%

STATUS

☒ Solved

☐ Unsolved

SKILLS

☐ SQL (Basic)

☐ SQL (Intermediate)

☐ SQL (Advanced)

DIFFICULTY

HackerRank

Prepare

Certify

Complete

Prepare

>

Sql

45/58 challenges solved

Rank: 237917 | Points: 660

The PADS

★

Solved

Medium, SQL (Basic), Max Score: 30, Success Rate: 93.70%

Occupations

★

Solved

Medium, Max Score: 30, Success Rate: 91.62%

Binary Tree Nodes

★

Solved

Medium, SQL (Intermediate), Max Score: 30, Success Rate: 97.70%

STATUS

☒ Solved

☐ Unsolved

SKILLS

☐ SQL (Basic)

☐ SQL (Intermediate)

☐ SQL (Advanced)

DIFFICULTY



FINAL RANKINGS

JAVA

HackerRank

Prepare

Certify

Compete

Search

Prepare > Java

Java

21/64 challenges solved

Rank: 254437 | Points: 251

21/64

challenges solved

PYTHON

HackerRank

Prepare

Certify

Compete

Search

Prepare > Python

Python

175 more points to get your gold badge!

Rank: 592433 | Points: 225/400

175

more points to get your gold badge!

SQL

HackerRank

Prepare

Certify

Compete

Search

Prepare > Sql

Sql

45/58 challenges solved

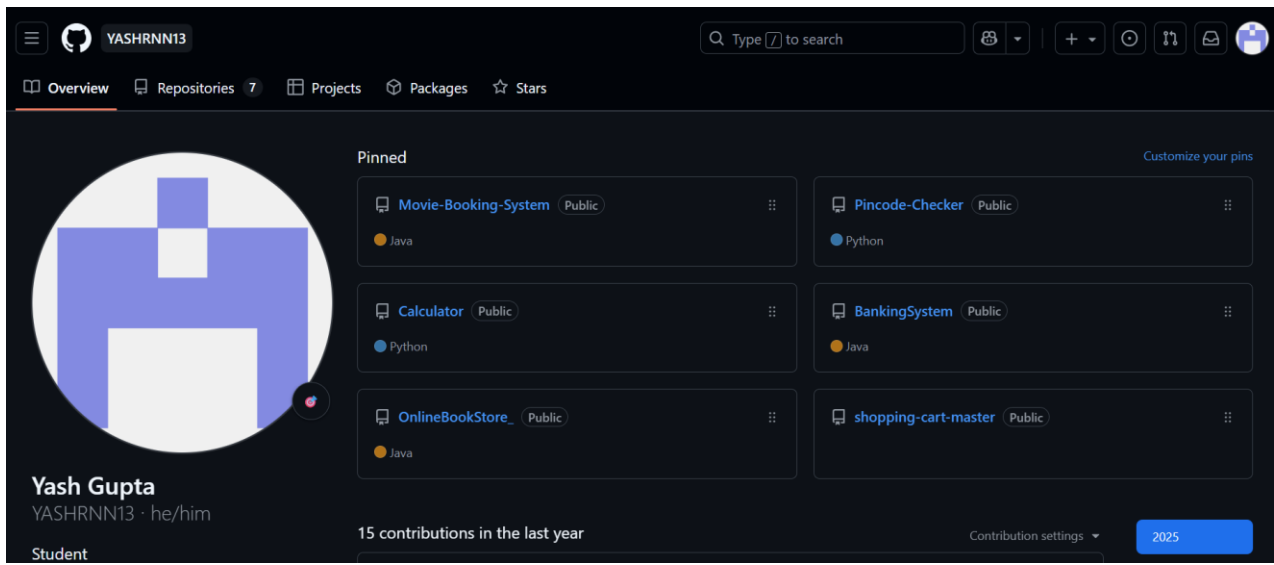
Rank: 237917 | Points: 660

45/58

challenges solved

## GitHub

<https://github.com/YASHRNN13>



### GitHub project1:

<https://github.com/YASHRNN13/Movie-Booking-System>

### GitHub project2

<https://github.com/YASHRNN13/Pincode-Checker>

### GitHub project3

<https://github.com/YASHRNN13/Calculator>

### GitHub project4

<https://github.com/YASHRNN13/BankingSystem>

### GitHub project5

[https://github.com/YASHRNN13/OnlineBookStore\\_](https://github.com/YASHRNN13/OnlineBookStore_)

