

# SUJAL YADAV

## Career Objective

TO BUILD A SUCCESSFUL CAREER IN ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING BY APPLYING MY KNOWLEDGE OF DATA-DRIVEN PROBLEM SOLVING, ALGORITHMS, AND SOFTWARE DEVELOPMENT TO CREATE INTELLIGENT AND EFFICIENT SYSTEMS.

## About

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GMAIL -  
VAIBHAV.SAHU@RUNGTA.  
ORG  
ADDRESS - BHILAI,  
CHHATTISGARH

## Education

RUNGTA  
INTERNATIONAL  
SKILLS UNIVERSITY  
  
BATCH 2025-29

## Skills

- Communication
- Teamwork and collaboration
- Time management
- Adaptability and quick learning
- Leadership and responsibility
- Creativity and innovation



Experiment No. – 2

Create a Career Oriented Presentation with 7 slides using transitions and animations.

# CARRIER ORIENTED PRESENTATION

## ROBOTICS AND AUTOMATION DEVELOPER

NAME - **Sujal yadav**  
BRANCH - B. TECH CSE

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### WHAT IS ROBOTICS AND AUTOMATION DEVELOPER ?

A Robotics and Automation Developer is a professional who designs, builds, programs, and maintains robotic and automated systems. They use mechanical, electrical, and software engineering skills to create intelligent machines that can perform repetitive, dangerous, or complex tasks efficiently and accurately.



## ROADMAP TO BECOME A ROBOTICS ENGINEER :

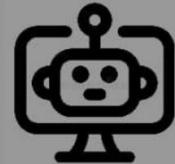
### Learn Core Skills

- Programming:** Python, C/C++, MATLAB
- Electronics & Control Systems**
- Mechanical Design (CAD tools like SolidWorks)**
- Artificial Intelligence & Machine Learning**
- Work on robotics projects and internships.
- Join robotics clubs, competitions, or research labs.



### Roles and Responsibilities of a Robotics Engineer

- Design and build robotic systems for industrial, medical, or service use.**
- Develop control algorithms and program robot behavior.**
- Integrate sensors, actuators, and AI systems into robots.**
- Test, troubleshoot, and maintain robotic equipment.**
- Collaborate with mechanical, electrical, and software engineers.**
- Ensure safety, efficiency, and precision in robotic operations.**



### Future Scope of Robotics Engineering

- **Industrial Automation:** Growing demand for robots in manufacturing, packaging, and assembly lines.
- **Healthcare Robots:** Use in surgery, rehabilitation, and patient care.
- **Autonomous Vehicles:** Robotics plays a key role in self-driving cars and drones.
- **Artificial Intelligence Integration:** Smarter and more adaptive robots with AI and machine learning.
- **Service and Domestic Robots:** Increasing use of robots for cleaning, cooking, and assistance at home.
- **Space Exploration:** Robots used in missions to explore planets and outer space.
- **High Career Opportunities:** Expanding job roles in research, design, automation, and AI-driven industries.



Robotic Process Automation

### Why Do I Want to Become a Robotics Engineer

- **Passion for Technology:** I am fascinated by how machines can think, move, and perform human-like tasks.
  - **Innovation and Creativity:** Robotics allows me to design and create new solutions that make life easier.
  - **Future Growth:** Robotics is a rapidly growing field with opportunities in industries like healthcare, manufacturing, and space exploration.
  - **Problem Solving:** I want to use robotics to solve real-world problems and improve human efficiency and safety.
  - **Career Opportunities:** It offers diverse career paths in automation, artificial intelligence, and research.
- Contribution to the Future:** Becoming a robotics engineer lets me be part of the technological revolution shaping the world. **Why Do I Want to Become a Robotics Engineer**
- Passion for Technology:** I am fascinated by how machines can think, move, and perform human-like tasks.
- Innovation and Creativity:** Robotics allows me to design and create new solutions that make life easier.
- Future Growth:** Robotics is a rapidly growing field with opportunities in industries like healthcare, manufacturing, and space exploration.

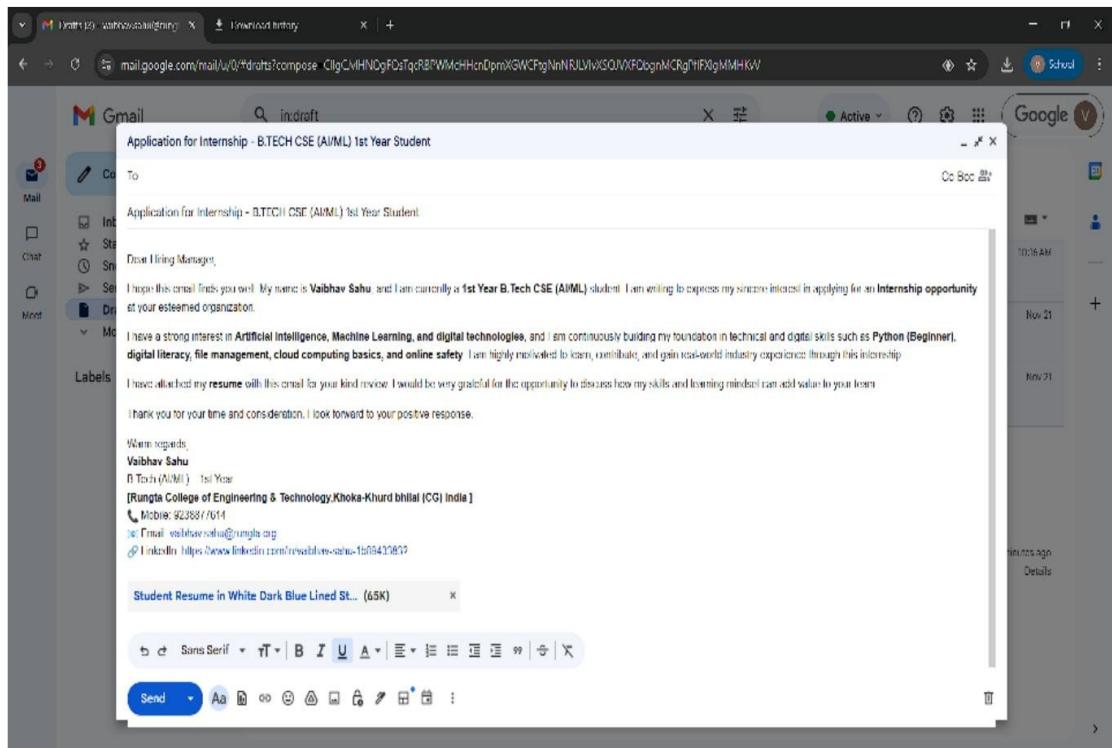
### Experiment No. 3

Create a social media poster for “DIGITAL AWARENESS WEEK” using canva.



## Experiment No 4

Compose & send a professional email with an attachment as “you are applying for an internship, send email to HR with your resume attached”.



## Experiment No 5

Design a complete Google Form survey and analyze responses.

- a) Create a Google Form titled “Student Attendance Report”.
- b) Include the following question types:
  - a. 5 MCQs
  - b. 1 Rating scale (1–5)
  - c. 1 Short answer
  - d. 1 Checkbox question
- c) Customize the theme (header image + color).
- d) Share the form link with 5 friends and collect responses.
- e) Generate charts from responses and take screenshots of the analysis page.

Untitled form - Google Forms

docs.google.com/forms/d/1f1M1EWGafOwPj20mTA5bBNQZQx0tV5R27wNpAM3v/edit

Published

Questions Responses Settings

**Student Attendance Report**

Form description

This form is automatically collecting emails from all responders. [Change settings](#)

**Full Name \***

Short answer text

**Which department are you from? \***

CSE  
 Electrical  
 Mechanical  
 Civil

**How regularly do you attend your lectures? \***

Every Day  
 3-4 days a week  
 1-2 days a week  
 Rarely

**Which subject do you attend the most? \***

mathematics  
 Digital logic  
 NAILS  
 Web development

**Which types of class do you attend the most regularly? \***

Theory classes  
 Practical sessions  
 Tutorials / Doubt sessions  
 Seminars / Workshops

Reasons for low attendance discipline(Choose all that apply): \*

Health problems  
 Long travel distance  
 Lack of interest in subjects  
 Personal/Family reasons  
 Assignments/lab work  
 Other: \_\_\_\_\_

Rate Your Overall class attendance discipline? \*

1      2      3      4      5  
☆      ☆      ☆      ☆      ☆

Untitled form - Google Forms

Responses 4

Summary Question Individual

Who has responded?

Email
amit@gmail.com
lipdewta27041770@gmail.com
intiajawaizade05@gmail.com
aryanrawat054@gmail.com

## Experiment No. – 6

Demonstrate the creation and management of your digital identity. a) Create a social media profile (LinkedIn preferred). b) Add a profile photo, short bio, skills, and education details. c) Create a simple post about “My Learning Journey in Digital Literacy.” d) Change your privacy settings to: a. Who can see your posts. b. Who can message you.

Upload 3 different files (PDF, image, document). c) Organize them in subfolders: Notes, Images, Assignments. d) Share the main folder with your teacher with View Only permission.

Unit 3 Practical Work - Google Drive

Computers > My Laptop > Documents > Unit 3 Practical Work

Name	Owner	Date modified	File size
Assignments	me	Nov 29 me	—
Images	me	Nov 29 me	—
Notes	me	Nov 29 me	—

Documents - Google Drive

Computers > My Laptop > Documents

Share "Unit 3 Practical Work"

Name	Owner	Date modified	File size
1001tvs	me	24 me	—
charts	me	24 me	—
Custom Office Templates	me	24 me	—
My Data Sources	me	24 me	—
OneNote Notebooks	me	4 me	—
Unit 3 Practical Work	me	24 me	—
XuanZhi9	me	24 me	—
Book1.kirana store.xlsx	me	Jan 22 me	11 KB
Book1.BPAYMENT.AK.xlsx	me	Jan 28 me	21 KB

## Experiment no. – 8

Identify one real phishing email : A final-year student, Aman, receives a LinkedIn message saying.

“You are shortlisted for a Remote Software Developer role at Google.

a) Salary: ₹18 LPA. b) Pay ₹2,499 as verification fee. c) Limited seats. Pay now to confirm.” QUESTIONS :

a.What type of cybercrime is happening here ?

Ans. This is a phishing scam (specifically a job offer scam) where attackers impersonate a trusted company (Google) to trick victims into paying money or sharing sensitive information.

b.List 3 red flags that show it is a scam ?

Ans. 3 Red Flags :-

- 1.Ufront Payment Request – Legitimate companies never ask candidates to pay a “verification fee” or any money during recruitment.
- 2.Too Good to Be True Offer – A high salary (₹18 LPA) for a fresh graduate without interviews or proper process is suspicious.
- 3.Urgency & Pressure Tactics – “Limited seats. Pay now to confirm” is a classic scam technique to push victims into acting quickly without verifying.

c.What should he do to verify if a job offer is real ?

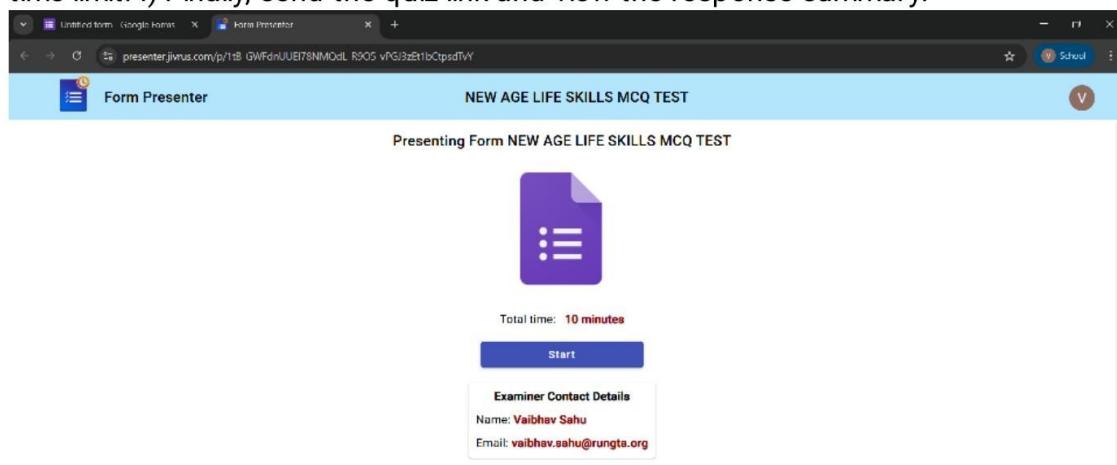
Ans. How to Verify if a Job Offer is Real :-

- 1.Check Official Sources – Visit Google’s official careers page ([careers.google.com](http://careers.google.com)) or LinkedIn’s verified company profile to confirm if the role exists.
- 2.Verify Sender Identity – Ensure the recruiter’s LinkedIn profile is genuine (look for verified badge, work history, connections).
- 3.Cross- Check via Direct Contact – Reach out to Google HR through official

email or LinkedIn channels, not through the suspicious message.

## Experiment No. – 9

Create a Google Form Quiz with the following requirements: a) Convert the form into a Quiz mode with automatic grading. b) Add 5 MCQ questions, each carrying 2 marks. c) Add 1 short answer question that requires manual evaluation. d) Turn ON the setting: a. Limit to 1 response b. Shuffle question order c. Release marks after manual review e) Add a timer add-on (like form presenter) and set up a 10-minute time limit. f) Finally, send the quiz link and view the response summary.



The screenshot shows a Google Form titled "Quiz From". The form has a single question: "Which device is an input device?". The options are "Scanner", "Monitor", "Speaker", and "Printer". The "Scanner" option is selected. The form is published and has a total point value of 10.

Untitled form - Google Forms

docx.google.com/forms/d/1VdSequedL3Dk-hiM0WzS0lwKicIeynIqBqGbbM/edit

Untitled form All changes saved in Drive

Published Total points: 10

Questions Responses Settings

**Quiz From**

Form description

This form is automatically collecting emails from all respondents. [Change settings](#)

**Full Name:** \*

Short answer text

**Which device is an input device? \***

Scanner

Monitor

Speaker

Printer

Untitled form - Google Forms

docs.google.com/forms/d/1VdSquqL3Dk-hEMXW25QwGcleymfpNgkzbH/edit

All changes saved in Drive

Published

Questions Responses Settings Total points: 10

A smartphone is an example of a: \*

- Supercomputer
- Mainframe
- Mobile computer
- Workstation

Which OS is primarily used in: \*

- Window
- Linux
- MacOS
- IOS

Untitled form

Published

Questions Responses Settings Total points: 10

Which application is web-based? \*

- MS Word
- Google Docs
- Photoshop
- VLC player

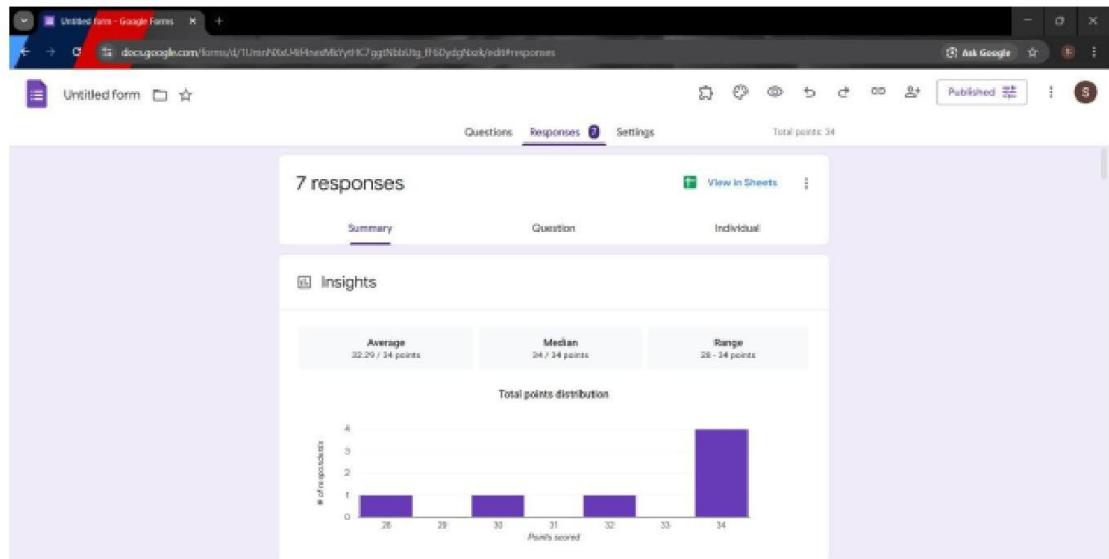
GUI stands for:

- General User Interface
- Graphical User Interface
- Graphical Unique Interface
- General Unique Interface

Submission Tracking ID - DO NOT CHANGE \*

This is important for tracking purposes. Do not change. Any change in this will make your submission void.

Short answer text



The screenshot shows a Google Sheets Scores page with the following data:

Email	Score / 34	Score released
shivamprajapati799913@gmail.com	30	Nov 22 10:42 AM
drum32698@gmail.com	32	Nov 22 10:53 AM
shinchar6121@gmail.com	34	Nov 22 10:53 AM
rathulyaduvani724@gmail.com	34	Nov 22 11:00 AM
rvtajawnizade09@gmail.com	34	Nov 22 11:03 AM
kpdevta27041770@gmail.com	28	Nov 22 11:13 AM
arpanrajan054@gmail.com	34	Nov 22 7:11 PM