

**Rahul Singh Dhakad**

**Permanent Address:** A-90, Anand Nagar, Bahodapur, Gwalior,

Madhya Pradesh - 474012

**Phone:** +91-9098603524

**Email:** [rahuldhakad850@gmail.com](mailto:rahuldhakad850@gmail.com)

**Career Objective**

Motivated B.Tech. CSE student passionate about tech solutions. Seeking a Software Engineering or cybersecurity role to utilize skills in IoT, Python, Dot Net, and Testing for organizational growth.

**Academic Qualification**

* Pursuing B.Tech. CSE from Amity University, Madhya Pradesh (2021-25) with CGPA 7.31
* Specialization degree in Internet Of Things (IoT).
* Passed 12th from MP Board in 2021, with 72%
* Passed 10th from MP Board in 2019, with 69%

**Project**

1. **Video Conferencing Website:-** [**Link**](https://github.com/rahulsingh3524/Video_confrencing_WebRTC)
   * Developed a video conferencing website using WebRTC technology.
   * Implemented frontend using React.js for seamless user experience.
2. **CMH-Nimn\_Gunwatta:-** [**Link**](https://drive.google.com/drive/folders/1ZwyXZSdbTo2EthxI1P1sYsPU5geD3V31?usp=drive_link)
   * Created a standalone application using Python for **Lok Sewa Kendra Department Gwalior**.
   * Implemented various functionalities to enhance their experience and application performance.
3. **S.A.A.T.H.I. - AI Companion Robot (IoT Project) - Ongoing**
   * Build an AI companion robot for the IoT Lab of the college.
   * Utilizing IoT technologies to create a smart and interactive robot for various applications.
4. **Facial Expression Detection**  **(ML Project):-** [**Link**](https://github.com/rahulsingh3524/Face_Emotion_Recognition_Machine_Learning)

* Developed a face expression recognition module using FER2013 dataset.
* Implemented a sequential CNN for emotion detection.
* Achieved high accuracy in recognizing facial expressions.

1. **Posture Detection and Correction** **Chair (IoT Project):-** [**Link**](https://drive.google.com/drive/folders/1Np6DRktGU6kvR2S3WR5K8iRHsDJa74mi?usp=drive_link)
   * Developed an IoT-based chair for posture detection and correction.
   * Utilized sensors to monitor and analyze sitting posture in real-time.
   * Implemented alert mechanisms to notify users of incorrect posture.
2. **V.I.D.H.Y.A. – an AI Teacher** 
   * Developed an ai teacher on **Raspberry pi** with **face\_recognition** and **ability to talk in hindi.**
   * Project was Funded by **Ministry of Rural Development and IIT Delhi led UBA (**Unnat Bharat Abhiyan)**.**
   * This project will be deployed in a **Government High School** in a village name **Baretha**
3. **Nimbus - The Virtual Assistant :-**
   * Created a **voice assistant** for doing day-to-day tasks as a buddy.
   * Used many **APIs** to fetch the data from the web.

**Internships**

1. **Full Stack Web Developer Intern** in Bharat Intern

* **Remote Internship**: Jul 2023 - Aug 2023 (1 months)
* Developed and maintained web applications remotely using a full stack of technologies.
* [Show Credential](https://drive.google.com/file/d/1E3lb5jQYT7AyX7KLnxDnfW7Yw5eByUe-/view?usp=drive_link)

1. **Web Developer Intern** in **Codsoft** 
   * **Remote Internship**: Jul 2023 - Aug 2023 (1 months)
   * Contributed to the development of web applications remotely, focusing on frontend technologies.
   * [Show Credential](https://drive.google.com/file/d/1jVhE7_uoBJQH2mULMP89enb3p25VVgbx/view?usp=drive_link)
2. **Radio Production Intern** in **Goonj Radio** **90.8 FM**
   * **On-site Internship**: Jun 2023 - Jul 2023 (1 months)
   * Gained hands-on experience in radio production processes and operations on-site at Gwalior, Madhya Pradesh, India.
   * [Show Credential](https://drive.google.com/file/d/17bwdBtsLEqA4QKmx10fP8MMOw3tw3WKJ/view?usp=drive_link)
3. **Cybersecurity Virtual Internship** in **Palo Alto Networks** (through AICTE) [Duration: 10 weeks]
   * **Virtual Internship** : January 2024 - March 2024
   * Acquired knowledge and skills in cybersecurity protocols and practices.
   * [Show Credential](https://drive.google.com/file/d/1Y8ca6rTR8eJRsaDEv4oeP1Ye2NgAEqEr/view?usp=drive_link)
4. **Research Intern at ABV-Indian Institute of Information Technology and Management · Full-time**
   * **On-site Internship**: August 2024 – September 2024
   * Gained hands-on experience in Research processes and operations on blockchain tech. on-site at Gwalior, Madhya Pradesh, India.
   * Python was used for simulating the research.
   * A **research paper** is going to publish in **IEEE** through **Comsnets 2025 - 17th international conference.**
   * [Show Credential](https://drive.google.com/file/d/1YUf5xqaGtTrvTIAtU9ZhwxCnPEZzAbz3/view?usp=drive_link)

**Licenses & Certifications:**

1. **Google Analytics Certification from Skillshop**
   * Issued: May 2023
   * Expires: May 2024
   * Credential ID: 74104934
   * [Show Credential](https://skillshop.credential.net/f449a8bc-fd4e-4be5-ae32-115324071236)
2. **Project Management Tracker using Microsoft Excel from Coursera**

* Issued: Nov 2023
* [Show Credential](https://www.coursera.org/account/accomplishments/verify/4GCATQERD5AN?utm_source=link&utm_medium=certificate&utm_content=cert_image&utm_campaign=pdf_header_button&utm_product=project)

1. **Microsoft AI Odyssey Challenge- Level 1 from Microsoft Corporation (India)**

* Issued: January 2024
* [Show Credential](https://drive.google.com/file/d/1LTo2474tP8DKQ6Rlfu5cPFc17POkNo6l/view?usp=drive_link)

1. **Microsoft Asia AI Odyssey Challenge- from Microsoft Corporation**

* Issued: May 2024
* [Show Credential](https://drive.google.com/file/d/16QqG4__kUNt7B8sAifi8lWNujzOH7CcB/view?usp=drive_link)

1. **Blue Prism@ Associate Developer (EN-2021)**

* Issued: Aug 2024
* [Show Credential](https://drive.google.com/file/d/1Dqz0DKfIfGJihf588sJNfxTfLRxM7z-V/view?usp=drive_link)

**Computer Intellect**

* + **Programming Languages:** Python (Django, Flask, FastAPI), Java (Spring Boot, Hibernate), C# (ASP.NET Core, Entity Framework), JavaScript (React.js, TypeScript, jQuery), HTML, CSS
  + **Full Stack:** React.js + Django/Flask/Spring Boot/ASP.NET Core
  + **Backend:** REST APIs, JWT
  + **Databases:** MySQL, PostgreSQL, MongoDB, SQL Server
  + **Automation & RPA:** Selenium (Python), Blue Prism, UiPath (Basics), PyTest, JUnit, NUnit
  + **Cloud & DevOps:** Azure, AWS (EC2, S3), Firebase, Docker, Kubernetes, Jenkins, GitHub Actions
  + **Cybersecurity & Blockchain:** Network Security, Solidity, Smart Contracts, PoS, DPoS, PoW
  + **IoT & AI/ML:** Raspberry Pi, ESP32, MQTT, TensorFlow, OpenCV, CNN, NLP
  + **Operating Systems:** Windows, Linux (Ubuntu, Kali)
  + **Soft Skills:** Problem-solving, teamwork, effective communication, project management

**Hobbies**

* + Travelling.
  + Cooking

**Interests**

* + Robotics
  + Developing new projects

**PERSONAL DETAILS**

**Mail :** [rahuldhakad850@gmail.com](mailto:rahuldhakad850@gmail.com), [rahul.dhakad@s.amity.edu](mailto:rahul.dhakad@s.amity.edu)

**LinkedIn Profile:** [Rahul Singh Dhakad | LinkedIn](https://www.linkedin.com/in/rahul-singh-dhakad-3453b0227/)

**GitHub profile:** [rahulsingh3524 (Rahul singh dhakad) (github.com)](https://github.com/rahulsingh3524)

**Self Declaration**

I hereby declare that all the above information is true to the best of my knowledge and belief.

Date: 5 February 2025

Place: **GWALIOR, M.P (Rahul Singh Dhakad)**