

# Aman Raj Singh

BE – Computer Science and Engineering – Chandigarh University, Punjab

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## EDUCATION

### GRADUATION

CHANDIGARH UNIVERSITY, PUNJAB

SESSION-2021-25

CGPA – 6.93

### INTERMEDIATE

DONY POLO PUBLIC SCHOOL BIHTA, PATNA

SESSION-2020-21

PERCENTAGE-66.6

### MATRICULATION

DAV PUBLIC SCHOOL ROTARY CAMPUS, GAYA

SESSION-2018-19

PERCENTAGE-74.6

## TRAINING & PERSONAL PROJECTS

### SPEECH TO TEXT TECHNOLOGY

JUNE-SEPTEMBER 2023

- Try to develop a technology like JARVIS that can recognize and adapt to different voices, converting them into tasks that can be executed on the desktop
- Testing various voice commands accuracy at different parameters and try to increase the user satisfaction by increase in 20% as compared to regular TTS device.

TechStack | Python Programming | Libraries | Speech Recognition | NLP

### HOSPITAL MANAGEMENT BLOG WEBSITE

- Developed and managed a blog website focused on hospital management, providing insights, updates, and information on various hospitals.
- Successfully ranked top keywords related to hospital management.

TechStack | Wordpress | HTML/CSS | SEO Tools | Google Console

### SMS BASED FIRE ALARM SYSTEM

- An SMS Based Fire Alarm and Detection System Using Arduino Hardware.
- This integration enhances safety by providing real-time notifications, even when premises are unoccupied.

TechStack | Arduino | GSM module

## SKILLS

Languages	Python, Java
Frontend Development	HTML, CSS, Javascript, Typerscript, React Js
Testing	Manual Testing, Automation Testing
Database	SQL
Miscellaneous	Data Structures & Algorithms Object Oriented Programming

## ACHIEVEMENTS

- Certification Of Publication in IJSREM Journal for the paper “A Review on Speech-to-Text”
- NPTEL Certification in Discrete Mathematics.
- NPTEL Certification in Quantum Mechanics
- Certification Of Participation In SUSTAIN-A-THON 2024 By Indian Oil Corporation Ltd.
- Successfully Completed A One Month Training Program In Web Development Provided By A AICTE Company.
- Coursera Certified “Build A Full Website Using Wordpress” By Freedom Learning Group.

## INTERPERSONAL SKILLS

Problem Solving skills| Discipline towards the work| Leadership quality| Team Management| Hard Working

## INTRESTS & HOBBIES

Playing Different Sports games| Writing Blogs| Watching Series

## PROFESSIONAL SUMMARY

Recent graduate with a passion for Development. Highly motivated and eager to begin a career, bringing enthusiasm and a strong work ethic. Committed to contributing to team success and continuous learning in a dynamic work environment.

## WORK EXPERIENCE

WinWithWeb Technologies LLP| Intern

- Designed and developed a user-friendly WordPress website, emphasizing creative design and functionality, resulting in a 30% increase in user engagement.
- Implemented effective SEO strategies, driving a 40% rise in organic traffic within six months.