

Rajvansh Singh

📍 Ludhiana, Punjab, India ✉ himanshusinghtaneja0110@gmail.com ☎ 8566022190 🌐 <https://www.linkedin.com/in/rajvansh-singh-90672a270/>

SUMMARY

I'm Rajvansh Singh, a student at Punjab Technical University studying computer science engineering with a strong background in academics and a love for programming. I'm actively working in numerous business-related projects, with a focus on Python and web development. Among my major accomplishments are developing a virtual piano application and utilising innovative stylistic methods in internet projects. I actively participate in competitive programming and am adept in a number of computer languages, including C and C++. I have honed my leadership and collaboration abilities as the Coordinator at CodeForge Club. Currently completing an internship with Bharat Intern to obtain experience in the real world and stay current with industry best practises. Among my successes are the prizes and recognition I've received for my great performance. I am the perfect candidate because I have excellent coding skills, good problem-solving skills, and strong presentation skills. I am constantly ready to work with others on cutting-edge projects that adhere to industry standards.n for my exceptional accomplishments.

PROJECTS

Piano using Python

College • https://github.com/Rajvansh0110/piano_in_python • September 2022 - Present

- Using PyQt5, a graphical user interface (GUI) is created replicating a piano in Python, and external libraries like playsound, threads, and .wav files of piano notes are used. The setup of the GUI, which contains a window for the piano keys, buttons to alter the instrument's tone and tempo, and a play/record button to record and replay the user's performance, will be the first step of the project. The computer keyboard will be used to play the piano, and each key will be mapped to a different note. Advanced features like exporting MIDI files, real-time note visualization, and integration with third-party hardware like MIDI keyboards can also be added to the project. The finished product will provide customers an entertaining and engaging way to play and compose music on their computers.

- Technical Stacks: Python Programing Language
- Skills:
- Python (Programming Language)
- · Presentation Skills
- · PyQt
- · Team Leadership
- · Teamwork
- · Communication Skills · Playsound · Threads · .WAV files.

Portfolio

Bharat Intern • <https://github.com/Rajvansh0110/project.github.io> • July 2023 - August 2023

- This portfolio project is a simple and elegant website created using HTML and CSS. The website is designed to showcase a web developer's skills, projects, and contact information.
- Technical Stacks: HTML, CSS, JSThis portfolio project is a simple and elegant website created using HTML and CSS. The website is designed to showcase a web developer's skills, projects, and contact information. Technical Stacks: HTML, CSS, JS
- Skills: HTML-Basic · CSS-Basic · JavaScript-Basic

EDUCATION

Bachelor of Technology in Computer Engineering

Gulzar Group of Institutes • Khanna, Ludhiana, Punjab • 2025

Higher Secondary Education (Class 12, Non-Medical)

Shri Harkrishan Sahib Public Sr. Sec. School, Daba Road • Ludhiana, Punjab • 2021

Secondary Education (Class 10)

Shri Harkrishan Sahib Public Sr. Sec. School, Daba Road • Ludhiana, Punjab • 2019

CERTIFICATIONS

Infosys: Basics of Python

Online • 2023

- It tell the basic information how's the python programming works

iNurture: For coordinating a event (TechRoadies 1.0)

Online in College • 2023

- It describe that i have organized a event in the campus named "Tech Roadies 1.0"

CS105: Introduction To Python

Online • 2022

- It is give the all basic knowledge of Python Programming
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INVOLVEMENT

Coordinator

Gulzar Group of Institutes • CodeForge Club • April 2023 - Present

- It is a student club, which organized where coding as well non tech events for the college students with motive of interacting new students, skilled their abilities and make them to interact with other and learn something new from their's ability.
 - till now the club has successfully organised two events "Tech Roadies 1.0" and "Observe-e-code".
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SKILLS

Front End : HTML, CSS, Java Script

Programming Language: C, C++, Python, Java

Soft Skills: Communication Skill, Teamwork and collaboration, Problem-solving Skills, Time management, Project management, Presentation Skills, Adaptability, Leadership, Organizational Skills, Decision-making