

Tanishq Agarwal

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EDUCATION

- **Jaypee University of Engineering and Technology** Guna, India
Bachelor of Technology - Computer Science and Engineering; GPA: 9.0
Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Networking, Databases
September 2021 - Present

SKILLS SUMMARY

- **Languages:** GO, C++, Python, C, JavaScript, SQL, BASH
- **Frameworks:** CustomTkinter, PyQt, Requests, NetworkX, Netmiko, Ansible
- **Tools:** Jira, Jenkins, Docker, GIT, MySQL, SQLite, MongoDB
- **Platforms:** LINUX, Web, Windows, Arduino, AWS, GCP, IBM Cloud
- **Soft Skills:** Leadership, Event Management, Writing, Public Speaking, Time Management

EXPERIENCE

- **Development Lead - TEDx JUET** JUET, Guna
Head Developer (Full-time) *November 2022 - March 2023*
 - **Design and Development of Web Application:** Designing the web application feel and structure was the task and the theme statement of Equilibrium was implemented in the core UI.
 - **Adding Responsiveness to the application:** Used media queries along with CSS transitions to create transformation methods
- **IBM SkillsBuild Intern - Cloud Computing** Remote
Student Developer (Part-time) *August 2022 - October 2022*
 - **Design and Development on Problem Statement:** Design Thinking and developing a platform for a web based and cloud deployed and managed, Attendance manager system.
 - **FireBase Usage and IAM Policies:** Used Firestore and Firebases's Realtime Database along with IAM Policies to create authentication methods

PROJECTS

- **Dock-X (Docker, Container Monitoring, GUI, Docker-SDK):** (Work in progress- Public Alpha Release v1) A fully-featured GUI utility to monitor Docker Containers running on a server scale machine using SDK and CustomTkinter with Multi-threading support. (April - Present '23)
- **QR Scanner (Java, Android Studio):** The QR Scanner project, developed in Android Studio using Java, enables users to scan QR codes using their Android devices. It utilizes the device's camera to capture QR codes, and the built-in libraries and functionalities of Android Studio facilitate QR code decoding and processing, providing a seamless scanning experience. (May '23)
- **Web Attendance Management System (Firebase, GCP, Realtime Database, React):** A simple web attendance management system app with native login features such as multi session login support using OAuth. (September '22)

LICENSES AND CERTIFICATIONS

- **Go Programming (Studytonight):** (June '23)
- **DevOps Essentials (Coursera IBM):** (June '23)
- **Jira Fundamentals (Atlassian University):** (June '23)
- **Advanced Software Engineering Virtual Experience Program (Walmart Global Tech):** (June '23)
- **AWS Solutions Architecture Virtual Experience Program (AWS):** (June '23)
- **Cloud Core Badge(IBM):** (October'22)
- **Object Oriented Data Structures in C++ (University of Illinois at Urbana-Champaign):** (July '22)
- **Open Networking and SDN (Dell EMC):** (April '22)
- **Microsoft Virtual Experience Program(Microsoft):** (July '20)

HONORS AND AWARDS

- 3rd Rank at Galactic Hacks (built XeroMail) - January, 2023
- Hacktober Fest Contributor (6 PR Merges)- October, 2022
- Second Runner's Up at Shark Tank JUET- November, 2022
- Awarded title for Best Project Lead at IBM SkillsBuild Internship Team Mentors Meet- October, 2022

VOLUNTEER EXPERIENCE

- **Community Lead Developer at TEDx JUET** Guna, India
*Developed web application for the TEDx community event with team members for presentation.**December 2022 - Present*