

# Vaishnavi Agnihotri

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## EDUCATION

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**B.Tech in Computer Science & Engineering** | Banasthali Vidyapith, Rajasthan | 2019 - 2023 | CGPA: 8.9

**Class XII** – CISCE | SKD Academy, Lucknow | Percentage: 90.8%

**Class X** – ICSE | SKD Academy, Lucknow | Percentage: 91%

## EXPERIENCE

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**MSDVC, Mahindra & Mahindra Ltd, Coimbatore** | Software Engineer

Aug'23

- Developed new features for HMI applications using **Android (Kotlin)**.
- Worked on Media application in kotlin using **MVVM architecture, Media3 and Coroutines**, while effectively implementing and managing **music services** to ensure optimal performance and seamless user experiences.
- Implemented POC for rotary knob actions across applications.
- Enhanced components of ongoing projects, integrated and verified in hardware ensuring performance.
- Developed hands-on experience in designing, coding, testing and deploying applications.

**Centre for Development of Advanced Computing(CDAC)** | [Software Developer Intern](#)

July 22

- Designed and developed an online quiz portal to conduct quizzes on various topics for different colleges.
- **Technologies** : Django, MySQL Database, Bootstrap.

**Becton Dickinson, Bangalore** | [Software Developer Intern](#)

May'22

- Developed a python GUI which implements codes of distance estimation and tag detection.
- Analyzed 200+ real time patient's data and calculated approximate distance of tag attached to IV fluid delivery system.
- **Technologies** : Python, Computer Vision, Image Processing, Tkinter

## SKILLS

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- **Language:** Java, Python, Kotlin, C/C++, HTML, CSS
  - **Framework & Libraries:** Django, Tkinter, Bootstrap, Android
  - **Database:** MySQL, Firebase
  - **Version Control:** Git, GitHub
  - Data Structures and Algorithms, OOP, DBMS.

## PROJECTS

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**Ed-Talks** : An Android App to resolve placement related queries among college peers.

- **Technologies** - Android App using **Java, XML** and **Firebase**.
- It is a platform where users can share their experiences related to internships or placements as well as read the interview experiences of other students.
- The users can also ask queries in the Q&A Section.
- All the posted experiences can be sorted according to their respective companies, specific user and branch of course for a better user experience.

**Online Quiz Application**

- **Technologies- Django ,MySQL, Bootstrap**
- Developed a multi-user web based Online Quiz platform that has admin , student and staff users.
- Users can add questions , set the difficulty level of the questions, and randomize the order of questions
- User can view result of all the students and filter them according to need.

**My Grocery List**

- **Technology- Android App using java, XML and firebase**
- A user can sign-Up and sign-In in the application and user can add ,delete and edit items in list

**To-Do List**

- **Technology- HTML ,CSS and JavaScript**