KUSHANG SHAH
SOFTWARE DEVELOPMENT ENGINEER

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Software Development Engineer with strong **Googling** and **AI querying** (or "**ChatGPTing**") skills to find information and solve problems. I am a **Passionate Software Developer**. You can count on me to find solutions—if I know them, I'll provide them right away; if I don't, I certainly know how to find them.

AREA OF EXPERTISE

Web Development
Java, SpringBoot, NodeJs, Github, SQL, ReactJs, Vanilla JS, System Design, PostgreSQL, AWS, Cloud

Native Application Development
C++, C++ STL, Perforce, Linux systems, WireShark, CMAKE, Kotlin, Jetpack Compose, Android, System Architecture

PROFESSIONAL EXPERIENCE

Software Engineer - Samsung Research & Development Institute - Delhi   July 2022 - Present
- **SMART DOWNLOADER**
  - **Reduced downloading bandwidth** on server by implementing innovative downloading strategy. It distributes the downloading content in all the devices and then devices shares content internally. It is the implementation of an A1 patent.
- **Logs Capturing of Device on Content Management Server (Remote Logging)**
  - Worked on MagicInfo server and Samsung Signage device for implementation of the of device's **logs capturing on the MagicInfo cloud server** on log collection request.
- **Circle2Search (or Circle2Generate)**
  - Created **Circle2Search (or Circle2Generate)** for Samsung Interactive Whiteboards.
  - You can circle any part of the whiteboard screen and it generates the AI results (Images, texts, translation) of the circled content.

SDE Intern - Samsung Research & Development Institute - Delhi   Jan 2022 - July 2022
- Added **Twitter and Facebook image insertion functionality in Signage Player** of Samsung.

KEY ACHIEVEMENTS

- **Samsung Hackathon 2024 Winner**. Won first prize in Samsung's Hackathon for **Circle2Search** feature on Interactive Whiteboard with **Generative AI**.
- **Samsung Great Innovative Idea award of 2024**. Received great innovative idea award for **3D model content player** in Interactive Whiteboards.
- **Efficiency enhancer.** Identified and redesigned the system architecture, proposing a new structure that reduced the RAM usage of the logging service in Signage Devices by 4 MB. This initiative was outside the scope of my assigned project work.
- **Best Trainer.** Received best trainer certificate for technical problem solving skills.

EDUCATION   Aug 2018 - July 2022

B.Tech in Information Technology - IIITVadodara (CPI = 8.11)

PERSONAL PROJECTS

Content Scheduling In Metaverse
- Using the Content management system from real world, user can manage and control the contents

NEET-Exam
- Developed NEET Exam Project During Covid-19 Lockdown for NEET aspirants. It got total 1432 registrations.

J.A.R.V.I.S
- J.A.R.V.I.S stands for "Just A Rather Very Intelligent System". A group project led by me.
- AR based Voice Assistant which performs various tasks like sending emails, messages & playing music etc.

ADDITIONAL INFORMATION

- **Languages:** English, Hindi, Gujarati.
- **Awards/Activities:** Awarded **Best Employee of the Quarter** (Spot Award) 3 times at Samsung for outstanding performance and innovation.
- **Hobbies:** Biking, Walking, Foodie