Yash Agarwal

APPLICATION DEVELOPER

+91 7983919666 | Yashaggarwal376@gmail.com | Yashapps.xyz | github.com/devzyash | linkedin.com/in/devzyash

About

I'm a passionate Android and Flutter developer who loves building things that are both **useful and intuitive**. I enjoy tackling challenges, whether it's optimizing performance, solving complex problems, or learning something new. I believe in **writing clean, efficient code** and constantly improving my skills.

I'm always curious and eager to explore new ideas, and I thrive in collaborative environments where I can learn from others and contribute meaningfully. I take pride in my work and stay committed to delivering **high-quality apps that make an impact**.

Experience

Nybble Host, *Android & Flutter Developer*   *Aug 2024 - Present*

- Developed kiosk-based Android applications, implementing COSU mode to enforce strict device policies; enhanced security protocols, leading to a 30% decrease in unauthorized access incidents across 5000 deployed devices.
- Implemented background Works (**WorkManager ,Foreground Services**) for scheduled tasks and Implemented **system-level broadcast receivers** to handle boot events, connectivity changes, app installations, and other system triggers for automated responses and **remote device control**.
- Integrated FCM (Firebase Cloud Messaging) for remote control, notifications, and automated task execution.
- Built Flutter applications using GetX for state management, ensuring high performance and scalability.
- Integrated Dio for efficient API calls, Worked with SQFlite for local database management, enabling offline capabilities and performance optimization.

Skills

Programming Languages	Kotlin, Java, Dart, PHP
Android Development	Jetpack Compose, MVVM, Android SDK, Retrofit, Room Database, WorkManager, Foreground Services, Firebase
Flutter Development	GetX, Material Components, Dio, SQFlite, Custom UI Components, API Integration
Tools & Platforms	Android Studio, Firebase, Play Console, GitHub, Postman, Canva
System & Device Management	Device Policy Manager (DPM), Kiosk Mode (COSU), System Provisioning
Additional Skills	App Store Optimization (ASO), UI/UX Design, API Development, Push Notifications, Remote Commands
Soft Skills	Leadership, Teamwork, Problem-Solving, Adaptability, Research & Debugging

Education

Indira Gandhi National Open University   *Delhi, India*

Masters Of Computer Applications   *2024 - Present*

Chaudhary Charan Singh University   *Meerut, UP, India*

Bachelor Of Computer Applications   *2021 - 2024*

- Developed Strong foundation in Computer Application and networking.
- Learnt team management and time management and various soft-skill by organizing various programs

Projects

Sync X   *Open Source*

Remote Desktop Control - **GitHub**   *Active Development*

- Developed a remote desktop control system allowing users to monitor and control their PC via a mobile app.
- Implemented real-time screen sharing, remote input control (mouse & keyboard), clipboard sync, and system monitoring.
- Built the Sync X Server using Flask and Socket IO for seamless Web Socket communication.
- Developed the **Sync X Client** using Flutter for a smooth and responsive user experience.
- **Tech Used:** Python, Flask, Flask-Socket IO, OpenCV, Py Auto GUI, Flutter, Get X, Socket, HTTP.