

Divyanshu Kumar Kushwaha

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Senior Full Stack & Mobile Engineer | Solo Architecture Lead

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PROFESSIONAL SUMMARY

End-to-End Solo Developer with **4+ years of experience** architecting and deploying enterprise-grade software. I currently manage the entire IT ecosystem for a dairy enterprise, handling everything from **Server Configuration (Windows/Ubuntu)** and **CI/CD Pipelines** to **Frontend Engines** and **Mobile App Releases**.

Specialist in **Django REST Framework** and **React (Vite+TS)**, recently engineering a **Server-Driven UI system** to automate form generation. Proven ability to bridge the gap between complex backend logic (MSSQL/PG) and intuitive user interfaces.

TECHNICAL ARSENAL

Category	Skills & Technologies
Backend Core	Python, Django, DRF, Celery, Redis, Channels (WebSockets).
Web Frontend	React (Vite + TypeScript), HTML5, CSS3, jQuery, AJAX (for Legacy systems).
Mobile	Flutter (Dart), Riverpod, Hive, Google Play Console Management. Native Android (Java SDK),
Architecture	Server-Driven UI, Dynamic Form Engines, REST API Design, RBAC.
DevOps & Cloud	Windows Server (IIS), Ubuntu, AWS (EC2/RDS), Self-Hosted GitHub Runners.
Databases	MSSQL, PostgreSQL, MySQL (Complex Queries, Optimization).

PROFESSIONAL EXPERIENCE

Lead Software Developer (Sole Contributor)

Kashee Milk Producer Company Ltd | 15-Dec-2023 – Present

Acting as the **entire engineering department**, I take full ownership of requirement gathering, architecture, coding, server management, and deployment.

🔗 The "Kashee MVU" ERP (Modern Web Stack)

- **Tech:** React, Vite, TypeScript, Django DRF, MSSQL.
- **Architected a Dynamic Form Engine:** Built a **Server-Driven UI** system where React dynamically renders forms based on **DRF OPTIONS metadata** and custom layout schemas.
 - Engineered support for **Foreign Keys**, **Many-to-Many fields**, and **Cascading Selects** (dependent dropdowns) without writing new frontend code.
- **Background Processing:** Implemented **Celery** workers to handle massive **Excel Imports/Exports** in the background, preventing server timeouts during data-heavy operations.
- **Scope:** Manages Inventory, Member Details, Veterinary Data, and Collection Data in a single Single Page Application (SPA).

🛠 Enterprise HelpDesk System (Classic Stack)

- **Tech:** Pure Django, HTML, CSS, JavaScript, AJAX.
- **Automation:** Developed an email parsing engine that converts incoming emails into tickets automatically using IMAP.
- **Permissions:** Implemented complex **Team-Based Rights**, ensuring tickets are managed strictly by users with the correct privileges.

📱 Android Ecosystem & Play Store Management

- **Tech:** Flutter, Java (Legacy), Google Play Console.
- **Apps:** HRMS, Milk Collection, Chat, VCG (Video Meeting).
- **Full Lifecycle:** Responsible for signing APKs/AABs, managing release tracks on the **Google Play Console**, and monitoring **Google Ads** campaigns.
- **Migration:** Rewrote legacy Java apps into **Flutter**, integrating **Hive** for offline-first capabilities and Bluetooth thermal printing.

⚙ DevOps & Infrastructure

- **CI/CD:** Configured and maintained **Self-Hosted GitHub Actions Runners** to automate testing and deployment pipelines.
- **Server Management:** Full administration of **Windows Server (IIS)** for web hosting and **Ubuntu** for background services/Redis.

KEY PROJECTS OVERVIEW

1. Centralized Dairy ERP (Kashee MVU)

- A **React + TypeScript** dashboard serving as the backbone of operations.
- **Feature Highlight:** Used the custom Dynamic Form Engine to reduce frontend development time for new modules by **60%**.

2. Mobile Veterinary Unit (MVU) Tracking

- Integrated web and mobile data to track veterinary visits, diagnosis, and medicine inventory in real-time.

3. HRMS (Human Resource Management)

- **Flutter & Django:** A system to handle employee attendance, leave, tour etc. Attendance shown from biometric device.

4. Real-Time Chat Application

- **Django Channels + Redis:** Enabling instant communication between field staff and HQ with file sharing support.

5. Employee Attendance System (Native Java)

- **Tech:** Android SDK, Java, XML, SQLite.
 - **Role:** Built a robust native application to track employee attendance with strict geo-location validation to ensure field staff were physically present at assigned sites.
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EDUCATION

Bachelor of Computer Applications (BCA)

Lucknow University

WHY HIRE ME?

- I don't just write code; I **build and ship products**.
- I am comfortable touching every part of the stack: from **configuring the IIS server** and **writing the SQL query** to **designing the React component** and **releasing the App Store update**.