

# Husain Jhalodwala

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AI-Native Product Engineer building scalable backend systems and real-time integrations using Django, distributed systems and modern web architectures.

## EXPERIENCE

### RubyCRM

Jan 2026 – Present

*Product Engineer (Django, Next.js, PostgreSQL, Redis, Docker)*

*Remote*

- Led end-to-end integration of Bayut APIs (Listings, Leads, Location & Status Sync) enabling real-time property synchronization across Bayut and Dubizzle.
- Integrated WhatsApp templates and implemented secure 2FA via Email and WhatsApp, strengthening authentication workflows.
- Integrated Google and Microsoft Calendar APIs to automate follow-up meeting scheduling from CRM workflows.
- Built SEO-optimized blog system increasing organic traffic and inbound lead generation.
- Engineered advanced listing filters using optimized PostgreSQL queries and Redis caching.
- Resolved production-critical bugs and improved backend reliability via Dockerized deployments.

### CleverFlow

Apr 2025 – Dec 2025

*Full Stack Developer Intern (Python, Django)*

*Remote*

- Developed backend workflow orchestration systems for real estate metadata synchronization.
- Optimized API connectors reducing real-time data latency.
- Implemented WebRTC-based collaboration with sub-second synchronization.

## PROJECTS

### StreamShield | Python, FastAPI, OpenCV



- Built a  $\leq 200$ ms real-time desktop video processing pipeline to detect and blur sensitive UI elements before live streaming.
- Integrated live speech transcription and dynamic censorship using Vosk.

### Streamify | MERN Stack



- Developed a full-stack video platform with JWT authentication, role-based access control and optimized search functionality.
- Designed RESTful APIs for video upload, retrieval, update and deletion with secure middleware-based access control.
- Integrated Cloudinary for scalable media storage and streaming, enabling efficient handling of large video uploads.

### DrawInk | MERN, WebRTC, Socket.io



- Built a collaborative real-time whiteboard with multi-user drawing synchronization and integrated WebRTC video calling.
- Implemented room-based session architecture ensuring consistent shared canvas state across users.

## TECHNICAL SKILLS

**Languages:** Python, JavaScript, TypeScript, C/C++, SQL

**Frontend:** React.js, Next.js, Tailwind CSS

**Backend:** Django, Node.js, Express.js, FastAPI, REST APIs

**Databases:** PostgreSQL, MongoDB, Redis

**Tools:** Docker, Git, WebRTC

## EDUCATION

### A.D Patel Institute of Technology

*B.Tech Computer Engineering (CGPA: 9.4/10)*

Anand, Gujarat

2022–2026

## ACHIEVEMENTS

- Finalist — Odoo Hackathon (1200+ teams).
- Finalist — SAP Code Unnati Hackathon (600+ teams).