

# SATYAM WARGHAT

Software Engineer — Enterprise Workforce & Facility Management Systems

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## PROFESSIONAL SUMMARY

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Software Engineer with **3+ years** building enterprise-grade Facility & Workforce Management systems for Fortune 500 clients. Lead architect of **Intelliwiz platform** serving **ICICI Bank (82+ branches)**, **Capgemini**, and **Brigade Group** - managing 1000+ personnel with **99.9% uptime**. Delivered **99.7% processing improvements** and **70% faster emergency response** through scalable Python/Django architecture.

## TECHNICAL SKILLS

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**Core Technologies:** Python (Expert), Django, PostgreSQL, Redis, JavaScript, REST APIs, GraphQL

**Frontend & Mobile:** HTML/CSS, Bootstrap, Android Development (Kotlin)

**Cloud & DevOps:** AWS (EC2, S3, RDS, Lambda), GCP (Compute, Storage), Docker, CI/CD

**Databases & Queue:** PostgreSQL, Redis, Celery, RabbitMQ, Database Optimization

**Tools & Practices:** Git/GitHub, Linux/Ubuntu, System Design

## PROFESSIONAL EXPERIENCE

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### Software Developer - Enterprise Systems

January 2021 – Present

SPS (formerly Youtility Technologies)

Thane, India

- **Platform Leadership:** Architected and maintain production-scale Intelliwiz platform for ICICI Bank (82+ branches), Capgemini, and Brigade Group, managing real-time tracking of 1000+ security personnel with biometric integration and automated compliance reporting
- **System Architecture:** Built high-performance Django REST/GraphQL backend with Redis caching and RabbitMQ messaging, serving 200+ concurrent users and processing 10K+ daily transactions with 99.9% uptime SLA
- **Performance Optimization:** Achieved 99.7% processing improvement for JNPT attendance (4hrs to 30sec), 85% faster database queries, and 93% faster video loads through CDN implementation and progressive streaming
- **Business Impact:** Reduced ICICI agreement generation from 3 days to 5 minutes across 82+ branches, improved emergency response time by 70%, eliminated 40 hours/week of manual reporting, and delivered 50% reduction in compliance violations
- **Infrastructure Management:** Led migration of 100+ users to Ubuntu with RAID5 configuration, implemented automated disaster recovery on Google Cloud, containerized applications with Docker, and reduced licensing costs significantly

## KEY PROJECTS & ACHIEVEMENTS

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### Intelliwiz Multi-Tenant Platform — Django, GraphQL, Redis, RabbitMQ, Flutter, GCP

- **Enterprise Scale:** Multi-tenant SaaS platform serving Fortune 500 clients with real-time GPS tracking, biometric attendance, visitor management, and 30-second SOS emergency response system
- **Cloud Deployment Optimization:** Achieved 70% reduction in deployment time by launching Dockerized Django application on Google Cloud Platform, streamlining CI/CD pipeline and improving system scalability
- **Process Automation:** Implemented serverless automation scripts for report generation, reducing manual tasks by 40% and saving approximately 15 hours per week in administrative overhead
- **Real-time Integration:** Developed high-efficiency GraphQL services with RabbitMQ communication layers for seamless Flutter mobile integration, achieving 30% increase in real-time data accuracy and user satisfaction

### JNPT Port Trust Automation & Enterprise LMS — Django, React, Android, AWS

- **Process Transformation:** Converted Excel-based attendance system to automated web application for 200+ employees with complex shift management and integrated payroll processing
- **Learning Platform:** SCORM-compliant Android LMS with 10+ language speech recognition, offline capabilities, and AI-assisted development reducing development time by 60%

## EDUCATION

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### Bachelor of Technology - B Tech

Mumbai University

2016 – 2020

Computer Science