

Priti Maurya *Software Developer*

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Professional Profile

Senior Software Developer with 4+ years experience modernizing enterprise video platforms and secure multi-cloud architectures. Proven success restructuring legacy code—reducing database complexity by ~500 columns and slashing feature delivery time. Experienced mentor and technical interviewer.

Education

Master of Computer Application

Institute of Engineering and Technologies

08/2018 – 07/2021 | Lucknow

Bachelor of Science (B.Sc.)

Banaras Hindu University (BHU)

07/2014 – 05/2017 | Varanasi

Projects

Zerodha Clone – Trading Application

Full-Stack Stock Market Simulation

Engineered a comprehensive full-stack trading application designed to simulate modern brokerage functionalities.

Task Management System

ScalScable Project Management Application with Dynamic CRUD Capabilities

Developed a high-efficiency project management system leveraging the MERN stack (MongoDB, Express, React, Node.js).

Areas of Expertise

IITML	● ● ● ● ●
MYSQL	● ● ● ● ●
Mongo db	● ● ● ● ●
CSS	● ● ● ● ●
Node	● ● ● ● ●
JavaScript	● ● ● ● ●
Express	● ● ● ● ●
PIIP	● ● ● ● ●
React JS	● ● ● ● ●
Java	● ● ● ● ●

Professional Experience

Senior Software Developer

Venera Video Technologies

07/2024 – Present | Noida

- **Technical Leadership:** Led technical hiring and mentorship, establishing performance benchmarks and structured training workflows to guide junior developers toward project standards.
- **Product Restructuring (Architecture):** Modernized legacy code by implementing XML-based configurations and a reusable UI framework, reducing feature development time from days to hours.
- **Product Restructuring (System Optimization):** Optimized database schemas (reducing ~500 columns) and architected scalable multi-user frameworks featuring role-based access and dynamic licensing.
- **Compliance Detector (Core System):** Engineered an end-to-end job processing system with asynchronous scheduler execution, real-time tracking, and robust configuration-driven validation protocols.
- **Compliance Detector (Integrations):** Built cross-cloud file browsing (AWS, Azure, Backblaze) and designed a detailed error visualization layer using Accurate Player to enhance compliance analysis.
- **System Scalability:** Architected an entity-level multi-user framework with centralized license management and role-based access control, significantly improving system maintainability and onboarding efficiency.

Software Engineer

Venera Video Technologies

07/2022 – 07/2024 | Noida

- **Secure Cloud Configuration:** Configured cross-account IAM roles to securely centralize and manage report and backup paths within application configurations.
- **Credential Hardening:** Designed a robust AWS file management solution utilizing instance (machine) roles and cross-account access, significantly minimizing credential exposure.
- **API Reliability:** Developed a centralized error logging and automated recovery mechanism that tracks failures in CSV format and facilitates post-crash reprocessing to ensure high fault tolerance.
- **Cloud Transformation:** Spearheaded the legacy transition to "Pulsar Cloud," enabling multi-cloud file browsing (AWS, Azure, Backblaze) and expanding enterprise scalability beyond local storage limits.

Associate Software Developer

Venera Video Technologies

07/2021 – 07/2022 | Noida

- Successfully debugged and fixed 200+ issues, reducing production errors and improving application reliability.
- Developed and integrated multiple RESTful APIs for system enhancements and feature implementation.
- Designed and implemented a Template Management Section used for Quality Control (QC) of products.
- Implemented an automated email alert system triggered after QC execution, including detailed status reporting. Generated structured reports showing counts of Critical, Error, Warning, Info, and Notification issues. Attached configurable QC reports to email alerts based on system configuration.