

Priti Maurya Software Developer

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Summary

Full Stack Developer with 4 years of experience in frontend and backend development using HTML, CSS, Bootstrap, JavaScript, PHP, MySQL and the MERN stack (MongoDB, Express.js, React.js, Node.js). Skilled in developing RESTful APIs, single-page applications (SPA), responsive design, and cross-browser compatibility. Hands-on experience with Git, JSON, AJAX, authentication/authorization (JWT), database management, and deploying scalable web applications. Strong problem-solving skills with a focus on performance, security, and clean architecture.

Education

Master of Computer Application(MCA), *Institute of engineering and technologies*
8.4 CGPA , Lucknow

Bachelor of Science(B.Sc(Hons)), *Banaras Hindu University(BHU)*
6.9 CGPA, Varanasi

Intermediate, *Durga Charan Girls Inter College(DCGIC)*
75% , Varanasi

High School, *Vasant Kanya Inter College(VKIC)*
7.2 CGPA, Varanasi

Professional Experience

Software Developer, *Venera Video Tech Pvt. Ltd.* 📄

07/2023 – 12/2025 | Noida, India

- **Technical Leadership:** technical hiring and mentorship, establishing performance benchmarks and structured training workflows to guide junior developers toward project standards.
 - **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.
 - **APIs:** Designed and implemented **RESTful APIs** to enable seamless frontend-backend communication and system integration. ex-API Configured cross-account IAM roles to securely centralize and manage report and backup paths within application configurations.
 - **Product Restructuring (Architecture):** Modernized legacy code by implementing XML-based configurations and a reusable UI framework, reducing feature development time from days to hours.
 - **Compliance Detector (Core System):** Built a compliance Detection from scratch using React, HTML, CSS, and Bootstrap for frontend, and Node.js with Express.js and MongoDB for backend. Implement secure authentication and server side validation, along with multi-entity user management and portal synchronisation on login. Developed features including runtime document generation, job processing with template based configuration validation, S3 bucket path validation and a task scheduler for job state management . Enable real time progressive tracking , automated report generation, email alerts and integrated Accurate player for precise error navigation
 - **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

Skills

Programming Languages

- JavaScript
- PHP
- Java

Frontend Technologies

- HTML5
- CSS3
- JQuery
- jQWidgets
- React.js
- Tailwind CSS
- Bootstrap
- Material UI

Backend Technologies

- Node.js
- Express.js
- RESTful APIs

Database

- MongoDB
- MySQL

Authentication & Security

- JWT Authentication
 - Role-Based Access Control (RBAC)
 - Secure API Development
- AWS: Cross-Account Access using AssumeRole
- Cross-Cloud SDK file Browsing and uploading (AWS, BackBlaze, Microsoft Azure, Google)

Tools & Technologies

- Eclipse IDE
- Visual Studio Code
- IntelliJ IDE
- Tortoise Git
- GitHub
- Postman
- JSON
- AJAX
- Bitbucket
- Docker
- CI/CD

Concepts

- Data Structures & Algorithms
- Object Orient Programming
- MVC Architecture
- API Integration
- Debugging
 - Performance Optimization

Associate Software Developer, Venera Video Tech Pvt. Ltd. [📄](#)

09/2021 – 07/2023

- Developed an automated email notification system triggered after QC execution, generating **structured reports with categorized issue metrics (Critical, Error, Warning, Info, Notification)** and delivering configurable reports based on system settings.
- Designed and implemented a **Template Management module for Quality Control (QC)**, enabling standardized configuration, efficient validation workflows, and improved product quality assurance.
- Successfully debugged and fixed 200+ issues, reducing production errors and improving application reliability.
- Built dynamic **configuration pages** for multiple platforms (Pulsar, Quasar, Pulsar Cloud, PPU) using **React.js**, integrated with **Node.js REST APIs** and **MySQL** for efficient data storage and management.

Projects

Url Shorten

Developed a full-stack URL Shortener using the MERN stack (MongoDB, Express.js, React.js, Node.js) with JWT-based authentication. Built secure RESTful APIs for URL management, implemented custom short link generation, and optimized redirection performance. Designed a responsive React interface, ensuring seamless user experience, data security, and scalable application architecture.

Zerodha Clone

Developed a full-stack **stock trading simulation application** using the MERN stack, replicating modern brokerage functionalities like order placement, portfolio management, and real-time data updates. Built secure RESTful APIs, interactive dashboards, and responsive UI, ensuring seamless user experience, efficient data handling, and scalable system architecture.

Home Stay

Developed an Airbnb-like web application for listing, browsing and booking rental properties. Built dynamic UI using HTML, CSS, and EJS, with a backend powered by Node.js, Express.js, and MongoDB. Implemented authentication and authorization using passport.js npm package. Along with multiple Middleware for route protection and request handling. Enabled full CRUD operations for property listing

Languages

- English
- Hindi