

# Pragati Jain

Full-Stack Developer

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## EDUCATION

Lakshmi Narain College of Technology & Science, Bhopal

Bachelor Of Technology in Computer Science

2019-2023

CGPA : 8.68/10.0

## EXPERIENCE



**Jio Platforms Limited | Full-Stack Developer**

Dec'23 - Present

Mumbai, India

Spearheaded various automation and database health check initiatives that supported critical clients like NIC, Supreme Court, and CBI, driving improvements in system reliability and performance.

**Key Projects :**

### 1. Database Health-Check Scripts

Mar'24 - Present

- **Automated Health Monitoring** : Developed scripts to monitor all databases, consolidating OS metrics, database stats, and query performance for effective oversight.
- **Proactive Performance Optimization** : Led query optimization efforts by identifying slow queries, tracking index usage, and managed resource utilization, improving reliability by 30% and reducing troubleshooting time by 50%.
- **Dynamic Reporting & Visualization** : Created HTML-based reports with real-time visualization for health-check data, enabling administrators to proactively address potential issues and enhance database uptime.
- **Technologies** : Ansible, Linux, MySQL, PostgreSQL, Shell, HTML/CSS/JS, Front-end Optimization.

### 2. Dynamic Inventory Hub

Sept'24 - Present

- **Efficient Data Management** : Developing an in-house inventory management system with the MERN stack to facilitate bulk data entry via direct Excel paste or CSV upload for flexible data handling.
- **Dynamic Data Handling** : Creating a React.js interface that supports dynamic rows and columns, enhancing data entry adaptability and efficiency.
- **Optimized Data Processing & Storage** : Designing a Node.js and Express back-end with MongoDB for responsive data processing and scalable real-time storage.
- **Enhanced User Efficiency** : Aiming to improve data entry efficiency and reduce manual workload by approximately 15 hours per month through automated data handling and error reduction.
- **Technologies** : MongoDB, Express.js, React.js, Node.js, JavaScript, HTML/CSS.

## PROJECTS

**Astrovoice** | Express.js, Node.js, MongoDB, HTML/CSS/JS, Rest API

- Developed a full-stack MERN application that delivers comprehensive astrological insights and generates personalized kundli based on user birth details.
- The platform features an intuitive interface, allowing users to easily access astrological information and services. Enhanced user experience through responsive design and real-time data processing.

**Finance Tracker App** | Express.js, Node.js, MongoDB, HTML/CSS/JS, React.js, Next.js

- Provides users with real-time tracking of expenses and income, simplifying budgeting and improving financial decision-making.
- Implements database automation for secure backups and performance monitoring, ensuring consistent and up-to-date financial records without manual intervention.

## TECHNICAL SKILLS

**Languages** : Java, HTML/CSS, JavaScript, Ansible, RHEL Linux

**Technologies/Frameworks** : Node.js, Express.js, React.js, Next.js, Frontend Development, Backend Development

**Platforms/Databases** : AWS, Git, Putty, Figma, Adobe XD, MySQL, Postgres, MongoDB

**Coursework** : Data Structures & Algorithms, Object Oriented Programming, Operating Systems