

# RITHIK KISHEN SARIDE

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## Profile Summary

Software Engineer with 1+ years of experience building scalable backend services, distributed data pipelines, and high-impact product features. Strong in Node.js, Python, SQL/NoSQL databases, system design fundamentals, and cloud-native architectures. Skilled at improving performance, reliability, and developer efficiency through thoughtful engineering. Experienced in designing APIs, optimizing database-heavy workloads, building automation pipelines, and contributing across the full development lifecycle. Operates with ownership, clean coding practices, and a focus on delivering robust, testable, and maintainable systems.

## Skills

**Programming Languages:** JavaScript, TypeScript, Python, SQL

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

**Backend:** Node.js, Express.js, REST APIs, authentication, caching, performance tuning

**Databases:** MongoDB, MySQL, Postgres, indexing, query optimization, schema design

**Testing & DevOps:** Jest, PyTest, GitHub Actions/GitLab CI, logging, monitoring, CI/CD pipelines

**Distributed Systems & Cloud:** AWS (EC2, S3, PM2), Docker, Linux

**Tools:** Git, GitHub, GitLab

## Experience

### Mango Mass Media Pvt. Ltd

November 2024 – Present

*Junior Developer*

*Hyderabad, Telangana*

- Architected and maintained high-traffic REST APIs (10K+ req/day); implemented indexing and caching strategies that reduced response times by 40%.
- Designed and shipped large-scale search infrastructure for datasets 1M+ records, improving search latency by 60% using compound indexes, pagination strategies, and query profiling.
- Built an AI-powered document ingestion pipeline processing 15,000+ legal agreements using OCR + LangChain; automated data transformation and storage flows, saving 30+ engineering hours weekly.
- Developed a distributed document-library system (React + Node.js + S3) with consistent ID generation and metadata normalization—improving cross-module interoperability and data integrity.
- Designed a scalable asynchronous automation pipeline for data exports using streams and queue processing, eliminating timeouts and cutting workload by 33+ hours/week.
- Developed and maintained comprehensive unit and integration tests using Jest and React Testing Library, increasing code reliability and reducing production defects.
- Managed production stability on Linux-based servers using PM2, ensuring zero-downtime deploys.

### Mango Mass Media Pvt. Ltd

September 2024 – November 2024

*Software Developer Intern*

*Hyderabad, Telangana*

- Developed fault-tolerant ETL pipelines in Python processing 100K+ records/day, with retries, validations, and optimized I/O, reducing reporting time from 4 hours to 15 minutes (95% improvement).
- Created real-time BI dashboards using Apache Superset, enabling data-driven decision making for 50+ stakeholders across product and marketing teams.
- Developed internal CMS UI components in React to streamline editorial workflows and decrease article turnaround time through improved UX and real-time feedback mechanisms.

## Education

### GITAM University

June. 2019 – May 2023

*Bachelor of Technology in Computer Science*

*CGPA: 8.25*

### Sri Chaitanya Junior College

2017 – 2019

*Intermediate Education (MPC)*

### Rockwell International School

2016 – 2017

*Cambridge IGCSE*