

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, 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), Docker, Linux
Tools: Git, GitHub, GitLab, Supabase, Neon, Prisma/Drizzle ORM

Experience

Mango Mass Media Pvt. Ltd **November 2024 – Present**
Junior Developer *Hyderabad, Telangana*

- Architected and maintained high-traffic REST APIs (10K+ requests/day) with 99.9% uptime; implemented indexing, caching, and query optimization strategies that reduced response times by 40% and improved system reliability.
- 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 export pipeline (XLSX/CSV) using streams and queue-based processing, enabling large dataset exports without timeouts and cutting manual reporting workload by 33+ hours/week.
- Improved reliability and debuggability through structured logging, request tracing, and performance dashboards.

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.

Projects

AI Powered Meal Planner | *React, Express, Supabase, Llama 3.1*

- Architected a full-stack AI nutrition planner generating personalized 7-day diet plans using Llama 3.1 and rule-based constraints.
- Enhanced engagement via gamifying by adding leaderboards, progress graphs, and real time alerts to alert friends when a milestone is completed.
- Implemented an AI-powered ingestion workflow with async queues, rate limiting, and background workers for processing meal images and extracting nutrition data using Llama 3.1.

E-commerce Website | *React, Node.js, Express, MongoDB, Razorpay*

- Developed an e-commerce system with modular backend services, optimized product catalog queries, and robust authentication flows.
- Integrated Razorpay gateway with secure order creation, payment capture, and webhook-based reconciliation.
- Implemented scalable product search, filters, cart state, and order history backed by indexed MongoDB collections and efficient REST endpoints.

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