LOKESH SANAPALLI

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HEADLINE

results-driven software engineering leader | 10+ years of experience in building scalable, resilient, low-latency distributed systems | proven track record in leading and managing teams, designing end-to-end architectures, and delivering complex projects irrespective of tech stack

EDUCATION

RGUKT IIIT Nuzvid   Nuzvid, Andhra Pradesh
B.Tech Computer Science *GPA: 8.2*   July 2009 - May 2015

WORK EXPERIENCE

Moneyview   Bengaluru
Engineering Manager   May 2025 - Present

- Owned HL/LAP, platform charters for the cross-sell pod, leading 9 backend engineers, 1 frontend engineer, and 2 DevOps engineers to deliver critical business, security, and technology initiatives.

Moneyview   Bengaluru
Lead Software Engineer (Unofficial Engineering Manager)   January 2024 - April 2025

- Built a team of **10 engineers** for the Cross-Sell pod from scratch. Acted as a pseudo engineering manager (hired 5 engineers), conducted regular 1:1s, provided actionable feedback, and **led bi-annual performance reviews**. Mentored and coached **3 engineers to consistently exceed expectations**.

- Built and scaled the Home Loans/LAP product from **0 to 10 Cr+** in monthly disbursals, integrating with **15+ partners**. Played a pivotal role in product development including **partner integrations**, internal **ops workflows**, and **user experience journey**. Designed reusable integration frameworks and led several ops-critical initiatives including Freshsales integration and a custom CRM with WhatsApp chat support.

- Developed and launched the Credit Cards product from **0 to 2K+ disbursals/month**. Led the system design with **5+ partners' native API integrations**, and drove development of a scalable MIS email automation engine processing **1M+ partner records** monthly. Contributed to product development spanning **partner onboarding**, **ops workflows**, and the **customer journey**.

- Spearheaded the launch of the Digital Gold product (SIP, one-time, gifting), scaling it from **0 to 10K daily transactions**, significantly boosting user engagement on the MoneyView platform.

- Established and scaled core engineering processes — including structured on-call rotation process, system design reviews, multi-level code reviews (with pair programming), and **RCA workflows** — to strengthen team reliability, ownership, and engineering excellence.

- Led technical execution and cross-functional delivery through architecture/code reviews, mentoring, **sprint planning, retrospectives, and effective stakeholder collaboration** — fostering an engineering-first culture with strong operational processes.

- Defined and executed critical observability and reliability initiatives — set up full-stack observability **Datadog and Kibana**, implemented **circuit breaker** for all HTTP clients, migrated outgoing HTTP logging from RDS to S3 for cost efficiency, and optimized DB performance via reader-writer separation improving higher reliability and future scalability.

- Trained engineers on leveraging AI-assisted tools such as **Qodo, Cursor, and GitHub Copilot**, resulting in measurable improvements in development speed, code quality, and overall engineering productivity.

Moneyview   Bengaluru
Lead Software Engineer   May 2023 - December 2024

- Architected continous archival process using percona tools for high write throughput tables in loan origination system.

- Re-architected and rewritten loan insurance flows by solving multiple entries due to concurrency.

- Architected HTTP callback system for loan sourcing partners. Executed by mentoring 2 engineers.

- Implemented connection pooling for legacy memcached library in loan origination monolith system.

- Architected and implemented a sourcing partner portal integrated with the loan origination system, sourcing partner system streamlining partner communication and simplifying partner configuration.

- Have setup code review, design review processes within the team ensuring high code quality standards.
- Defined and executed critical observability and reliability initiatives — set up full-stack observability for loan origination systems using **Datadog and Kibana**.
- Designed and implemented an org-wide third-party degradation detection system using **Datadog and Micrometer**, improving user experience and conversion funnel health.

Licious   Bengaluru
Lead Software Engineer   Nov 2021 - April 2023

- Improved the existing product listing APIs by reducing P99 latency from **1.5 seconds to 200ms** by creating a new microservice called Discovery. Led HLD, LLD, implementation, and delivery end-to-end, while **mentoring 3 junior engineers throughout the project lifecycle**.
- **Rearchitected and rewritten** the Review & Rating microservice (originally in Node.js), optimizing both data storage and latency. **Closely collaborated with product stakeholders to align technical design with business goals** and ensure smooth rollout.
- Revamped the milestone-based rewards system (originally in Golang) to support spin wheel campaigns, leading to improved customer retention funnels.
- Led and delivered multiple growth team initiatives to transition from a monolithic to a microservices architecture.

Akamai   Bengaluru, India
Senior Software Engineer   May 2018 - Nov 2021

- Designed the report automation platform from scratch as part of the Managed Security Product team, including HLD and LLD.
- Built a data aggregation pipeline using **Python, Celery, and RabbitMQ** to collect data from multiple sources
- Improved Celery worker throughput and report generation by **3x** by switching to a **Gevent-based I/O-optimized** implementation.

Bigbasket   Bengaluru, India
Software Engineer II   Nov 2016 - May 2018

- Designed and implemented backend APIs for features like cancellation charges and slot availability.
- Rewrote and optimized APIs in Python, Django and Node.js to enhance reliability and performance of the infrastructure.

Cigital   Bengaluru, India
Associate Software Engineer   Nov 2015 - Jun 2016
Techmahindra   Hyderabad
Associate Software Engineer   July 2015 - Oct 2015

Skills

Programming Languages & Frameworks:	Python, Django, Javascript, Node.js, Java, Spring Boot
Backend Technologies:	Kafka, Rabbitmq, Redis, AWS, Docker, Kubernetes, Debezium
Databases:	MySQL, PostgreSQL, MongoDB, ElasticSearch
Frontend:	HTML5, CSS3, Javascript, Tailwind CSS, React
Others:	Problem Solving, Data Structures, Algorithms, Agile Methodologies

Awards

Rookie Rockstar *Moneyview*
Awarded 'Rookie Rockstar' for establishing an engineering-first culture, driving disruptive change, and redefining team goals to align with high-impact delivery.

Circle of Excellence *Moneyview*
Awarded 'Circle of Excellence' for successful delivery and execution of key products including Digital Gold, Home Loans, and Credit Cards.