

LOKESH SANAPALLI

Bengaluru, India · hi@lokesh1729.com · 8466905904 · <https://lokesh1729.com>

EDUCATION

RGUKT IIIT Nuzvid

B.Tech Computer Science *GPA: 8.2*

Nuzvid, Andhra Pradesh

July 2009 - May 2015

WORK EXPERIENCE

Licious

Lead Software Engineer

Bengaluru

Nov 2021 - Present

- Built the discovery microservice from scratch by designing HLD, LLD and database
- Implemented CDC pipeline using debezium for discovery service and stabilized it by solving many production issues
- Rewritten review rating microservice, shipped a lot of features and solved tech debt in it
- Reduced latency of key transactions in loyalty microservice
- Worked on HLD and LLD of discounts and promotions microservice
- Worked on coupon tray feature and coupon rearchitecture partially
- Took the ownership of tech debt, prioritised new product requirements, driven sprint planning, grooming and ceremonies

Akamai

Senior Software Engineer

Bengaluru, India

May 2018 - Nov 2021

- As part of the managed security product team, involved in designing HLD, LLD and few microservices
- Designed the architecture of Report Automation Engine with multiple micro services and data aggregation flow
- Optimized the report generation latency by 3x by dividing a single big task into multiple atomic async tasks leveraging celery and django

Bigbasket

Software Engineer II

Bengaluru, India

Nov 2016 - May 2018

- Implemented and Solved backend APIs for features like cancellation charges, slot availability
- Optimized and rewrote APIs written python, django and nodejs to improve the reliability and performance of the infrastructure

Cigital

Associate Software Engineer

Bengaluru, India

Nov 2015 - Jun 2016

Techmahindra

Associate Software Engineer

Hyderabad

July 2015 - Oct 2015

SKILLS

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

PROJECTS

Discovery, Loyalty, Coupon & Review Rating *Java, Spring Boot, Debezium, ElasticSearch, MongoDB, Node.js, Docker, Kubernetes*

In licious, designed discovery microservice from scratch, fixed scaling issues where database connection pool is overloaded in loyalty microservice, worked on coupon tray design and implementation, rewritten entire legacy code of review rating and shipped features.

Report Automation Engine *Python, Django, Javascript, Java, Springboot, Docker*

Akamai

Part of managed security product team, worked on creating report engine portal for sales team to view/edit/generate reports to customers. User selects configuration, web preview will be generated. User can interact with the web preview. User can generate PPT or PDF report from web preview and present it to the customers

Opensource Contributions

Github

Have made few opensource contributions to repos python-pptx, django-silk etc...