

# LOKESH SANAPALLI

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

## HEADLINE

Lokesh is a hands-on software engineer with 7.5 years of experience in building scalable, resilient and low-latency distributed systems. He has expertise in high level, low level system design and architecture. He is a language-agnostic engineer worked with multiple programming languages such as python, java and node.js.

## WORK EXPERIENCE

### Licious

*Lead Software Engineer*

Bengaluru

Nov 2021 - Present

- Improved existing product listing APIs by reducing P99 latency from 1.5 seconds to 200ms.
- Designed discovery microservice from scratch by designing HLD and LLD.
- Rearchitected review rating microservice that optimizes the data storage and latency
- Reduced the latency of key transactions and cleared tech debt in loyalty microservice
- Revamped the milestone based rewards system to run spin wheel campaigns that contributed to the revenue
- Involved in the entire SDLC from PRD walkthrough, sprint planning, grooming and closure 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 Solutioned 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

## EDUCATION

### RGUKT IIIT Nuzvid

B.Tech Computer Science *GPA: 8.2*

Nuzvid, Andhra Pradesh

July 2009 - May 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, Rewards & Review Rating** *Java, Spring Boot, Debezium, ElasticSearch, MongoDB, Node.js, Docker, Kubernetes*

Designed and implemented discovery microservice from scratch, fixed scaling issues in loyalty microservice, rearchitected rewards system and rewritten the entire legacy code of review rating.

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

Akamai

Part of managed security product team, built the report automation system from scratch from the design and implementation.

### Opensource Contributions

Github

Have made a few opensource contributions to projects such as django, python-pptx, django-silk etc...