LOKESH SANAPALLI

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EDUCATION

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

WORK EXPERIENCE

Licious   Bengaluru
Lead Software Engineer   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   Bengaluru, India
Senior Software Engineer   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   Bengaluru, India
Software Engineer II   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   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, 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...