KARTIK KHANDELWAL

SENIOR
SOFTWARE
ENGINEER

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To Work for an Organization where each and every day provides me with opportunities to learn something new and a healthy environment to grow and develop in all spheres of my life.

Skills

GoLang
Node.js
Express.js
ElasticSearch
NSQ
Redis
GRPC
GraphQL
Consul
Grafana
DataDog

Education

JSS Academy of Technical Education,Noida
B.Tech IT 70.76% 2017

Employment

Tokopedia
Noida
Senior Software Engineer   Jan. 2020 to Current
- Created in-house notification system for publishing personalised and non personalised notifications to user which is also used by other teams in Tokopedia.
- Leveraged the power of distributed computing to optimize the rate of sending notification at 70k/second.
- Integrating and extending the support to multiple notifications service to deliver all type of notifications to the consumers.
- Currently involved in scaling the system to support sending 50 million notifications at multiple times a day in minimalistic time.
- Fixing critical issues by profiling and debugging at various levels .
- Enhanced service availability by injecting proper alerting and monitoring within applications.

Noida
Software Engineer   Mar. 2018 to Dec. 2019
- Build complete microservices based architecture of product.
- Implemented clean code architecture framework to make code more unit testable, independent and modular.
- Successfully containerised application using Docker.
- Implemented a system to handle more than 17000 requests per second.
- Scaled and optimized Elasticsearch to handle more requests per second and minimise the latency.
- Successfully Implemented GraphQL with our microservice for fast data retrieval.
- Successfully Created a fault tolerant system for providing product-feed to Google-merchant-centre and other local tokopedia vendor for advertisements, Also responsible for managing more than 250 Million of products which are also updated in real time
- Successfully implemented various backend modules for Advertisement system (Topads)
- Successfully implement ROAS feature which was responsible for retaining 30% new sellers in Tokopedia.

Tata Consultancy Services
Bangalore
Software Engineer   July 2017 to Mar. 2018
- Worked on various Log management and Alert management systems like Splunk, Appdynamics, and integrated them with Kafka to help other teams to monitor and support real-time services

Projects

We-Donate   Mar. 2017 to May 2017
- This is a Social network Platform for bridging the gap between Ngo's and people who want's to donate anything. All the code is open sourced on GitHub and develop according to major industrial standards.

Home automation using IOT   Oct. 2016 to Jan. 2017
- An Economical home automation system for controlling all electrical appliances at home. It is based on Raspberry Pi and multiple Arduino boards, all the appliances can be controlled using a dashboard or Google now, The system is also integrated with various camera modules which are used for monitoring suspicious activities.

Awards

Tokopedia DNA Award (Growth Mindset) · From Ankur Malhotra (VP - Marketing)   Dec. 2019
Got Excellence Award in Tokopedia for extraordinary performance in a quarter.

Tokopedia DNA Award (Make it happen , Make it better) · From Ashish Chandra (AVP - Engineering)   Sept. 2019
Got Excellence Award in Tokopedia for extraordinary performance in a quarter.

Snack-down · Codechef   Apr. 2016

Beat the Beast · Technophilia 2015 JNU   Mar. 2015

Rube Goldberg . · Zealicon 2014 JSS Noida   Apr. 2014