DILIP REDDY DEVARAM
SENIOR SOFTWARE ENGINEER

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WORK EXPERIENCE (9 YEARS)

Tiktok Pte Ltd
Senior Software Engineer • March 2023 - Present

- Developed an approval flow system aimed at mitigating the risk of unwarranted actions on high-profile accounts, thereby significantly reducing the potential PR risks associated with TikTok.
- Upgraded the moderation tool to effectively moderate content in direct messages (DM) and group chat, ensuring strict adherence to US regulatory guidelines and enhancing the safety of DM and group chat interactions

Technologies Used: Golang, Tiktok Object Store, mySQL, Kitex(built on thrift)

Delivery Hero APAC Pte Ltd.
Senior Software Engineer • Jan 2021 - Feb 2023

- Took leadership by spearheading the successful delivery of a Distribution Center solution in Singapore, collaborating with six cross-functional teams, and overseeing the design process, culminating in its approval via RFC (Request for Comments).
- Developed and implemented various services catering to diverse verticals, contributing to the expansion and versatility of the organization.
- Constructed a dedicated debugging tool for alternate verticals within the Foodpanda framework, significantly expediting the resolution of production issues. This initiative led to a remarkable enhancement in debugging and bug-fixing performance from days to minutes.

Technologies used: GoLang, PostgreSQL, SQS, SNS, graphQL, gRPC

OYO Rooms
Senior Software Engineer • Dec 2017–Dec 2020

- Designing and building microservices to facilitate external affiliates to search and order OYO inventory.
- Built microservices to support searching OYO inventory for alternate channels of OYO.
- Designed and developed microservices as a part of the migrating monolith (in Ruby on Rails) to microservices Java.

Technologies used: Java, Kafka, MongoDB, Redis, ElasticSearch, Apache Thrift, Ruby On Rails

Innopark Pvt. Ltd / IVY Comptech
Senior Software Engineer • July 2014 –Dec 2017

- Wrote APIs in Python for third-party game providers to integrate their games on our gaming websites.
- Integrated BOKU and PAYSAFE payment gateways with Drupal-based user-facing websites.
- Built an affiliate management system, to track how affiliates are performing against various events, like clicks, registrations and deposits.

Technologies used: Python, Drupal, MySQL

SKILLS HIGHLIGHTS

- Programming Languages : Golang, Java, Python, Ruby on Rails, C++
- Databases   : Mongo DB, MySQL, PostgreSQL, Elastic Search, Dynamo DB, AWS RDS
- Cloud Technologies   : AWS Lambda, ElasticCache (Memcache, Redis), ELB,,S3, AWS VPC,
- Containerization   : Docker, Kubernetes, EKS, ECS
- Messaging systems   : Kafka, AWS SQS, SNS, Kinesis Datastreams
- Application Protocols   : gRPC, GrahpQL, Thrift
- Web Technologies   : Drupal, emberJS

EDUCATION

Bachelor of Technology in Computer Science
International Institute Of Information Technology, Hyderabad • 2010–2014

ACHIEVEMENTS

Secured 806 th rank in All India Engineering Entrance Examination surpassing 1 million candidates
Secured 2823 rd rank in IIT-JEE