Kartik **Verma**

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Work Experience

Product Engineer, SE3
GOJEK TECH

July 2019 - Present
Bangalore, India

- Designed and Implemented various features for GoClub, including driving the initiative of selecting database, and setting up its provisioning and backup process
- Worked on Product Discovery and Engagement services, which helps product increase their visibility on home screen
- Successfully implemented Tree based Rule Engine for Gojek Mobile App Updater Service, improved the service transaction time by 99.2%, from 15 ms to 0.12 ms

Google Summer of Code Student Developer
CloudCV

May 2019 - October 2019
Mumbai, India

- Planned, Designed and Implemented a robust pipeline for submission of prediction model in the form of Docker Images that will be evaluated on Remote GPU Machines.
- This Project is used by Facebook AI Research for hosting Habitat Challenge on EvalAI

Software Engineering Intern
TRAVELSOUQ

December 2018 - February 2019
Remote

- Developed a Prototype for Data Driven Service to compute Flight Ticket Prices that would lead to increase in bookings from Flight Metasearch Engines like skyscanner

Trainee - Software Engineer
BOOKMYSHOW

December 2018 - January 2019
Mumbai, India

- Implemented an API that validates the relationship between shared entities like Categories, Genres, Tags, Languages and Regions, which is being used by Discovery Page ETL pipeline, which will load data from a catalog ingestion queue to Elasticsearch, that will serve as content provider for discovery page as well as for on-site search.

Intern
HULLO.AI

January 2018 - March 2018
Mumbai, India

- Implemented REST service that generate several tags from a single tag for an Intent.
- Improved Telephonic Call Bot's conversation transition with increasing intents. The solution made it possible to increase transition intents by 25%.

Education

Bachelor of Engineering in Computer Engineering
UNIVERSITY OF MUMBAI

2015 - 2019
Mumbai, India

Projects

Projects and Open Source Contributions available on Git: https://www.github.com/vkartik97

- **Vulnerability Scanner and Defender** *(Winning Project at Smart India Hackathon 2019 - Ministry of External Affairs)*: Developed a solution that can scan a Website for OWASP Top 10 Vulnerabilities and a Defender to block all malicious requests to a server.
- **EvalAI** *(under CloudCV, as Open Source Contributor)*: EvalAI is an open source web application that helps researchers, students and data-scientists to create, collaborate and participate in various AI challenges organized round the globe.
- **Kaniko** *(under GoogleContainerTools, as Open Source Contributor)*: Kaniko is a tool to build container images from a Dockerfile, inside a container or Kubernetes cluster.
- **Online IDE API:** API Service to Run Programs for Online IDEs and Online Judges.
- **freevent:** Application to notify users about free Music and Comedy events around Mumbai.
- **Other Open Source Contributions:** andresriancho/w3af, fossasia/query-server

Technical Skills

Language	Go, Python
Technologies	Git, Aerospike, Postgres, Chef, Terraform

Recent Achievements and Awards

- Selected as Idea Reviewer at Smart India Hackathon 2020
- Winner at Smart India Hackathon 2019 - Ministry of External Affairs Grand Finale.
- Selected as Member of Executive Board in The UNO - Information and Communications Technology of TCET - MUN 2017