Kartik **Verma**

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Work Experience

Software Engineering Intern *February 2019*
TravelSOUQ *Mumbai, India*
- Built scalable End-to-End platform to Train, Test, and visualize Data for Machine Learning Team, to be used for Flight Ticket Pricing.

Trainee - Software Engineer *December 2018 - January 2019*
BookMyShow *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.
- Implemented an application to allow developers to create build APK on remote server for QA Team, from Scratch, and thus saving build time by 56%, which is consumed while the build is being carried out on developer's workstation.

Google Code-In Mentor *October 2018 - December 2018*
CloudCV *Mumbai, India*
- Worked with CloudCV as Mentor to help high school students design tasks for them, resolve their issues and reviewing work submitted while contributing in open source project and also help them achieve better understanding in software development
- Assigning suitable tasks to make improvements on EvalAI Server and CLI, difficulty level ranging from easy to hard.

Intern *January 2018 - March 2018*
Hullo.ai *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%.

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** *(Active Open Source Contributor and Google Code-In'18 Mentor, under CloudCV)*: 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.
- **Autoploy**: An Application to Automatically Deploy Project directly to Cloud from GitHub, using Event Webhooks.
- **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.
- **SentiGo**: Sentiment Analyzer Package for Golang. Supports Phrases as well as Emojis.
- **shortlk**: An API Based URL Shortener, using Flask.
- **Other Open Source Contributions**: andresriancho/w3af, fossasia/query-server

Education

Bachelor of Engineering in Computer Engineering, Fourth Year *2015 - Present*
University of Mumbai *Mumbai, India*

Technical Skills

Language Python, C/C++, Golang, Java
Technologies Git, Docker, Flask, MySQL, Redis, Elastic Search, Travis CI, Celery, RabbitMQ, AWS

Achievements and Awards

- Winner at Smart India Hackathon 2019 - Ministry of External Affairs Grand Finale.
- Successfully managed Free and Open Source Software College Committee 2017-18
- Runners Up in Research Paper Presentation in the MultiConW under Green Technology Theme
- Awarded Certificate of Extension Work by DLLE, University of Mumbai for successfully completing 120 Hours of Extension Work as Volunteer.
- Successfully Organized Swatch Bharat Abhiyan Rally and Medical Camp for Rotary Club of Borivali East.
- Selected as Member of Executive Board in The UNO - Information and Communications Technology of TCET - MUN 2017.