



Kartikey Dubey

Senior Software Engineer

Profile

Developer, Open Source Contributor with 5+ years of experience in the information technology industry. Skilled in Go-Lang, Python, Docker, Kubernetes, Elastic Search PostgreSQL, Core-Java -with a Bachelor of Technology - B Tech (Honours) focused in Electronics and Communication Engineering.

Employment History

Senior Software Engineer at Rakuten Symphony India(RSI-previously part of Rakuten India RIEPL)

December 2021 — Present

- Working as a senior software engineer, contributing in various Rakuten Mobile applications making them more **available, reliable, client oriented, robust and efficient**.
- Developed and implemented server-side components using Go to build efficient back-end systems.
- Build and deployed a microservice responsible for configuring Rakuten devices(CPE) with pre-configurations like ip-address of security gateway and other FQDN's. Created an application responsible for taking incremental backup of data from active site and restoring it on passive side to ensure no data loss happens on production site applications.
- Analyse requirements and work closely with cross-functional teams to design and develop software applications, according to best practices and coding standards.
- Taking ownership of the project and participate in code reviews, mentor-lead team of developers ,ensure on time delivery and always seek opportunities for optimization.
- Continuously learned new technologies and methodologies to enhance productivity and ensure project's success

Software Developer HP Inc. - TEKsystems, Bengaluru

December 2020 — December 2021

- Working as a software developer, contributed to cpq-portal responsible in handling millions of dollars of HP business.
- As a backend developer, my key responsibilities were on API development using **GraphQL** with go-lang.
- Introduced **Elastic Search** in the project and created a smart search GRPC API-micro service for consuming and searching CPQ products data in Elastic Search. This made product search tab **40% more efficient** and customer friendly.
- Worked in **microservices architecture** using gRPC, protocol buffers as medium for interaction between the services and used Kubernetes for improving scalability, reliability and availability of the services.
- Improved the logging functionality present in the project by making the logs available on kibana ui using aws cloudwatch to collect logs from services.

Details

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Links

[Linkedin](#)

[Github](#)

[Gerrit\(OpenSourceContribution\)](#)

[HackerRank](#)

Skills

Golang Development

GraphQL

Elastic Search

Python and Python Scripting

Protocol Buffers

Microservices- Architecture

Shell Scripting

Kubernetes

Docker

PostgreSQL

GitHub-Git Version Control

Linux/Unix,Bash Scripting

Basics of Networking-SDN

Core Java

- Got good experience in Requirements gathering, Analysis, Coding and Unit Testing applications in an **Agile Environment**.
- Was also involved in creating design documents for new features.
- Worked both as versatile team player and individual contributor taking full ownership of the tasks. Appreciated for the work on elastic search.

Senior System Engineer at Infosys, Bengaluru

June 2018 — December 2020

- Worked as a software developer and contributor to open source projects under **-ONF**(Open Networking Foundation).
- Developed a prototype Plug and Play Edge and demoed the same in **ONCON Asia 2019**, Project was awarded as runner-up in the category.
- As a developer, my key responsibilities were feature development, feature enhancement, debugging the issues and resolving bugs.
- Worked on feature Transaction Record & Logs using **REST-API's**, avro-schema, confluent Kafka, NATS which can be used for securely transmitting and logging the records.
- I was also involved in building the **5G-NetworkingLab** with management and internet network access on servers, VM's creation, VOLTHA lab deployment and testing. Involved in the provisioning of white-box device like Agg. Switches, OLT'S;
- Contributed to areas such as ONOS, VOLTHA, XOS, RECORD-open source projects (O.N.F)
- Have been involved in technical discussions, requirement gathering and POC's.
- During the 4 months of training at Infosys Mysore, learned basics of HTML, CSS, Python, J2EE and Oracle SQL. Worked with team for developing a SPA solving the above requirement.

Education

B.Tech.(Hons.), Jaypee Institute of Information Technology, Noida

July 2014 — May 2018

8.0 CGPA.

Build an IOT project which was awarded an A+ grade

12th, Little Flower School(I.S.C), Gorakhpur

March 2012 — March 2013

Completed my Higher Secondary Education in Maths & Science stream with **92.20%**

10th, Little Flower School(I.C.SE), Gorakhpur

April 2010 — April 2011

Completed my 10th standard with **90.00%**

Internships

Intern at Unacademy, Bangalore

June 2017 — June 2017

Presentation and Content Development for Core JAVA language.