

# SHILPI KUMARI

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## Work Experience

July 2019 – present

- Software Engineer**
- ✦ Worked on deploying and maintaining application on cloudnative microservices architecture for one of the international bank client. Implemented Jenkins Jobs to make deployment easier.
  - ✦ Integrated logging and monitoring stacks on aws cloud platform in production environment for troubleshooting application and infrastructure performance.
  - ✦ Configured S3 bucket in aws to archive kube logs. Worked with IAM role and policy creation, managing secretes on secret manager.
  - ✦ Designed and developed CI/CD pipeline which collects reports of automation suite to a central reporting server. Automation suite gets deployed in kubernetes when there is new deployments in environment from github workflow action triggered with a git release of respective project. This pipeline makes use of custom kubernetes operator developed using goLang.
  - ✦ Developed automation framework for mobile testing consisting of test cases listed in TestLink and updating the corresponding run cases on TestLink for Fail or Pass using TestLink APIs on a new build automatically.

Jan 2019 – June 2019

- Intern**
- ✦ Developed spring boot application to test the performance of gRPC services and generate report for the same.
  - ✦ Involved in analysis, preparing tech design docs for project.

## Education

- 2015 – 2019    ✦ **B.E, Computer Science and Engineering**  
BMS College of Engineering  
Bangalore, Karnataka, India  
CGPA: **8.68/10**

## Skills

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|------------------------|--|
| Programming Languages  | ✦ Java, Python, Golang, C++  |
| Cloud                  | ✦ AWS, Microsoft Azure   |
| Databases              | ✦ MySQL  |
| Tools                  | ✦ fluent-bit, grafana, prometheus, kibana, elasticsearch, docker, kubernetes |
| Web Application Server | ✦ nginx  |

## Academic Project

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- ◇ **QuesGen using NLP**

This project focuses on generating open cloze questions from the text file and paragraph using Natural Language Toolkit (NLTK). Questions that are sent to the application from the server end and are then presented to the user via a ChatBot interface.

Publication: [https://www.ijltet.org/journal\\_details.php?id=945&j\\_id=4774](https://www.ijltet.org/journal_details.php?id=945&j_id=4774)

Technologies used: Python, MongoDB

## Miscellaneous Experience

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- ◇ Participated in International Women's Hackathon 2018 presented by HackerEarth and Schlumberger.
- ◇ Participated and successfully trekked the Asia's Second Largest Monolith during the Mega-TrekV2.0
- ◇ Tutored at HashLearn, a mobile tutoring app that instantly connects students with tutors .