Gaurav Sharma

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Summary

Energetic software engineer with 3+ years of experience in development of large scale Java applications. An enthusiastic team player and a creative thinker.

Education

- **Rajeev Gandhi Technical University** — India
  Bachelor of Engineering in Information Technology — *CGPA - 7.92*

Programming Skills

- **Technical Skills**: Java, Spring-Boot, Android, Shell Scripting, Linux, Data Structures, Algorithms, Operating Systems

Experience

- **Fabhotels** — Gurgoan, India
  Software Engineer — *June 2019 - Present*
  - **Worked on the following spring-boot based microservices** :
    - **Gordon**: This service allows Fabhotels to monitor hotels and check for any issues that may have occured and then incentivize the hotels to fix the aforementioned issue.
      - Worked on creating REST API(S) facilitating auditing of the hotels
      - Took full ownership of the development and deployment of the service.
    - **Interactive Voice Response(IVR) Service**: This service provides the backend to the IVR of Fabhotels support helpline .
      - Created a new service from scratch and wrote REST API(s).
      - Took full ownership of the development and deployment of the service.
    - **Aggregation - Session Management**: This project aimed at creating a common distributed session for users by using Spring Session and Redis (Lettuce)   .
      - Implemented a new Spring module for providing Spring Session
      - Used Redis for saving Session for a user

- **Tata Consultancy Services** — Noida, India
  Systems Engineer — *October 2016 - June 2019*
  - **Walgreens**: Worked on Point of Sale's Desktop application and on the following projects.
    - **Uniboard**: This project and aimed at combining various workflows of Jira, Sonar, Bitbucket, Artifactory etc to create a Unified work-flow. Its a scalable and dockerized micro-service application based on Spring-Cloud.
      - Created micro-service architecture using spring cloud.
      - Created a dockerized environment using docker and docker-compose.
    - **Manual Entry of Cards**: This project aimed at allowing manual entry of EBT & eWIC cards at POS instead of swipe or tap. This was to improve the customer experience as these cards are printed with low quality magnetic strip.
      - Created an entirely new UI Framework for dynamic validation of card number, improving UX.
      - Improved card processing by 8 times.
      - Created a framework for tendering manually entered cards
    - **Rx Express Pass & Home Delivery**: This project aimed at introducing a new payment method at Point of Sale which allows a customer to buy prescriptions in the comfort of their home.
      - Implemented a framework for tendering of a credit card linked with a pass.
      - Implemented Rest Web Service client(s).

Side Projects

- **Rest-lambda** *(Java, spring boot, JS)*
  - A Spring-Boot web app that converts any script/program into a rest web service. This project is now used in Walgreens's POS chainwide (8400 Stores) and handles L2 Support requests.

- **Lookup** *(Java, Android)*
  - An Android Application with **100,000+ downloads** that allows users to search meanings quicker with popup definitions and usage of words. It uses FTS4 for predictive search and The Porters stemming algorithm for word root extraction with Levenshtein distance calculation for ranking and prediction.

Activities

- **Awards**:
  - Fabhotels Top Gun & GoodJob Awards in 2019
  - Innovation Pride Award 2019
  - Technical Excellence Award in Feb 2018
  - On The Spot Awards in Jun 2017, Oct 2017, Jun 2018 & Feb 2019
  - Applause award in Jun 2018