Lavina Khushlani

SENIOR SOFTWARE ENGINEER

Details

- **Contact:** +91 8534921400
- **Email:** lavinakhushlani@gmail.com
- **Github:**
  https://github.com/LKhushlani
- **LinkedIn:**
  https://www.linkedin.com/in/lavina-khushlani-1331b6114/

Skills

Python |Django | Flask | Pyspark | Shell scripting | React | Angular | HTML | CSS
JavaScript | Git | PostgreSQL | MySQL | Google Fire Store (NoSQL) | Jira | NLP
Pandas | NumPy | Data Analysis | Unit testing | Competitive Coding | Algorithms

Associate Software Engineer, JP Morgan Chase, Bengaluru

MAY 2021 — PRESENT

- Currently working on a **Proof of Concept** to migrate python application to **AWS** using **Pyspark**, to speed up the application running time.
- As a full stack developer, I worked independently develop and test code for the **Portfolio Options and segmentation tool**, using Python and React.
- Developed **interactive dashboards** to view currently running processes and the trade level data using React, ChartsJs and Python Rest APIs
- Improved processing speed of some features by converting legacy SQLs to python using multiprocessing by **52%.**
- Successfully implemented **Regression Testing** Suite in python.

Software Engineer, HSBC Technology India, Pune

JULY 2018 — APRIL 2021

- Slashed **Service Requests** by **47%** in issue tracking tool JIRA using NLP and jira-python API. Implemented Cosine Similarity and TF-IDF to find similar jiras.
- Developed RESTful web-app in Angular, Django supporting CRUD operations, implemented **Maker Checker functionalities** and audit trail of users.
- Developed asynchronous framework and micro-services-based architecture. Worked on alerting mechanisms in case of failures (Email Alerting using SMTP).
- Successfully deployed **Process Monitoring web-app** using Django, Angular and Postgres Sql, deployed using Nginx (used as a reverse proxy) and Gunicorn.
- Achieved cost saving of 3 FTEs by automating the manual reconciliation process. Optimized Subset-Sum algorithm using generators and used it in developing one-many rule-based amount netting algorithms.
- Automated NAS Disaster Recovery Mechanism using shell scripting.

Volunteer Work

Centre for Wildlife Studies, JP Morgan, Bengaluru

JANUARY 2022 — OCTOBER 2022

Centre for Wildlife Studies, is an NGO which aims to educate students online. The solution our team built was an online content management system which would have the login and sign up of different types of users like trainers, students, admin.

We have provided features like scheduling of online classes, upload and download of study materials, dashboards, creating sessions and batches. etc

Technologies used: **React** for Front End. **Python**, Flask for Back End, **Google Firebase**, **Firestore** as noSql Database.

Certifications

- Google Cloud Platform: **Core Infrastructure** (Coursera)
- Essential Google Cloud Infrastructure: **Foundation** (Coursera)
- Essential google cloud infrastructure: **Core Services** (Coursera)
- Python for Data Science and Machine Learning (Udemy)
- Design and analysis of algorithms (IIT Madras)
- Python Programming

Education

Bachelors of Technology, Computer Science

GLA University, Mathura
JULY 2014 — JULY 2018

GPA - 8.1