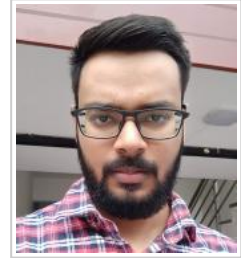


Aman Raj 

Ex-Oracle Software Engineer seeking opportunities in Software Development, Backend, Fullstack development. Skills: Python, JavaScript, C++, SQL, Flutter, Firebase, AWS, Kafka, Oracle, MySQL, MongoDB, Redis, Django, Nodejs, ExpressJS, GraphQL, HTML

Current Location: Bengaluru / Bangalore

Total Experience: 2 Year(s) 4 Month(s)

Pref. Location: Bengaluru / Bangalore, Hyderabad, Pune

Highest Degree: M.Tech [Mining]

Functional Area: IT Software - Application Programming / Maintenance

Role: Software Developer

Industry: IT-Software/Software Services

Marital Status: Single/unmarried

Key Skills: Application Engineer, Software Developer, Software Development, Application Programming, Program Management, Database Management, Project Management, HTML, Javascript, Python, MySQL, Django, CSS, C++, MongoDB, Oracle, Firebase, Kafka, AWS, Redis, Flutter, Dart, No

Verified : Phone Number | Email - id

Last Active: 14-Jan-21

Last Modified: 14-Jan-21

Summary

Ex-Oracle Software Engineer seeking opportunities in Software Development, Backend, Fullstack development. Skills: Python, JavaScript, C++, SQL, Flutter, Firebase, AWS, Kafka, Oracle, MySQL, MongoDB, Redis, Django, Nodejs, ExpressJS, GraphQL, HTML

Work Experience

Oracle as APPLICATIONS ENGINEER II-IT

Jul 2017 to Oct 2019

Oracle Applications Lab, OAL is the sole organization at Oracle devoted exclusively to research, with aim of identifying new technologies

to improve Oracle's business. As part of OAL CRM team, I designed data pipelines from source fusion systems to Data Warehouse on Oracle Cloud Infrastructure, under Oracle's Move to Cloud initiative.

Designed new subject areas and maintained old ones in OBIEE rpd (metadata repository), and built BI reports on top of that.

Developed web application for reporting territory management dashboards using KnockoutJS and Oracle OJET.

Developed a tool in Python to check for errors and data consistency between OBIEE reports and database.

Helped in building proof of concept for implementing data flows utilizing Lambda architecture for our team.

Technologies Used: Java, PL/SQL, Python, ODI, OBIEE, KnockoutJS, SOAP, Oracle JET, Kafka, Redis

Education

UG: B.Tech/B.E. (Mining) from Indian Institute of Technology (IIT), Kharagpur in 2016

PG: M.Tech (Mining) from Indian Institute of Technology (IIT), Kharagpur in 2017

IT Skills

Skill Name	Version	Last Used	Experience
Python, JavaScript, C++, SQL, Dart			4 Year(s) 0 Month(s)
Flutter, Android, Firebase, Kafka			2 Year(s) 0 Month(s)
Kubernetes, Serverless, Scrapy, AWS			1 Year(s) 0 Month(s)
Oracle, MySQL, MongoDB, ODI			2 Year(s) 5 Month(s)
OBIEE, Informatica, Redash, Redis			2 Year(s) 0 Month(s)
Django, ReactJS, Nodejs			2 Year(s) 0 Month(s)
ExpressJS, GraphQL, REST, HTML, CSS			3 Year(s) 0 Month(s)

Languages Known

Language	Proficiency	Read	Write	Speak
English				
Hindi				

Projects

Project Title: Distributed Google Play Store Crawler/Scraper
Client: Personal Project
Nature of Employment: Full Time
Duration: Jan 2020 - Oct 2020
Onsite / Offsite: Offsite

Project Details: Built a distributed crawler to scrape mobile apps data from Google Play Store, using multiple spiders sharing a redis queue.
Implemented distributed post processing of data using Kafka. Scraped items gets pushed into kakfka topic and gets stored into MongoDB and mysql databases.
Achieved crawl speed of 600pages/min using 4 instances of spiders sharing a single redis queue.
Implemented crawler resume ability to resume crawling pages from last stop. The scraper used multiple proxies in rotation.
Wrote the scraper using lxml and regex expressions to scrape the required fields from the webpage.
Used docker compose to build the infrastructure of 4 spiders, redis, kafka, and MYSQL servers.
Technologies Used: Kafka, Redis, Scrapy, lxml, SQLAlchemy, MySQL, MongoDB, Docker Compose

Affirmative Action

Physically Challenged: No

Work Authorization

Job Type: Permanent
Employment Status: Full time