

# U.S.GURU PRASAD

Software engineer

Focused to achieve high career growth through continuous learning.

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## WORK EXPERIENCE

### Software engineer

#### Accenture

08/2018 - Present

bengaluru / India

Peoplesoft (FSCM) is an ERP that helps to manage a company's financial transactions from employee expenses to asset management.

#### Achievements/Tasks

- A custom process was designed to dynamically read and load data which is file layout agnostic. This design requires 40% less manual intervention in case of future modifications.
- Worked on building a self healing process for transferring files to unix and mainframe servers which reduces manual intervention by 60% on an account of failure.
- Developed expense module from Peoplesoft FSCM to adapt SAP concur.

Contact: Verma Anuj - Associate manager, Accenture technologies

## Personal Projects

### Self Learning

01/2020 - Present

#### Achievements/Tasks

- Leveraging GraphQL engine like hasura and prisma with an existing database.
- Running pgBench to benchmark the performance of database like Postgres and Yugabyte to identify issues related to either resource allocation or database performance.

## EDUCATION

### Bachelor of engineering, Civil

#### Panimalar engineering college

08/2014 - 04/2018

#### Courses

- Strength of materials
- Fluid mechanics
- Cost estimation
- Irrigation Engineering

## SKILLS

Python

Postgres

Pandas

Python Flask

Peoplecode

html

Docker

ORM

## PERSONAL PROJECTS

### Todo Application (05/2021 - 05/2021)

- A todo application built using Python-Flask with user login system and session management.
- **#Python #Flask #Postgres#SQLAlchemy.**
- [Link to Github.](#)

### Automated Price Tracker (11/2020 - 11/2020)

- Application to track price from e-commerce websites and send slack notification during a price drop.
- **#Python #Flask #APScheduler.**
- [Link to Github.](#)

### BI-Automation (05/2020 - 06/2020)

- Data extraction pipeline using Python-Pandas and google's gspread api for data extraction and data handling.

### Falco for providing runtime security for applications running in Kubernetes

#### (04/2020 - 04/2020)

- Falco is a budding CNCF (Cloud native computing foundation) application which was configured to monitor and filter the inbound connection request for the database running in Kubernetes.

### Network mesh proxy using Envoy

#### (04/2020 - 04/2020)

- Envoy a CNCF application was configured to run in docker, To proxy all the inbound requests to the database.

### Presto (03/2020 - 03/2020)

- Presto a distributed SQL query engine was configured to access the datasets placed in two different databases (Yugabyte and Cassandra) without the need of data migration.

## LANGUAGES

Python ● ● ● ● ○

Postgres ● ● ● ○ ○

Pandas ● ● ● ○ ○