

Pavan Kumar Singh

Data Engineering Associate

✉ pavan.kumar.singh1507@gmail.com

📍 Hyderabad

in linkedin.com/in/pavan-kumar-singh-89a89197

📞 7011051829

🌐 www.kaggle.com/pksx01

🐙 github.com/pksX01

EDUCATION

B.Tech. (Computer Science and Engineering)
Guru Gobind Singh Indraprastha University,
New Delhi

2019

8.43 CGPA

SENIOR SECONDARY (SCIENCE)
CBSE, New Delhi

2014

87.60%

SECONDARY
CBSE, New Delhi

2012

10 CGPA

WORK EXPERIENCE

Data Engineering Associate
Accenture

09/2019 - Present

Work Done

- Developed Python script for data transformation for JSON files
- Prepared complex Hive queries for generating data for few columns by combining multiple columns from multiple tables based on business logic
- Performed Ingestion of batch data to HDFS and then performed data analysis using PySpark (RDDs and DataFrames)
- Developed 'Test Script Generator' using Python which can generate multiple test scripts automatically for multiple extracts within few seconds thus reduced time taken in Test Script preparation for around 75-90% scenarios by 80%
- Contributed in the enhancements of Azure Data Factory pipelines as per business requirements

Android Intern
Apptology Technologies Pvt. Ltd.

07/2018 - 08/2018

Work Done

- Developed UI for an event organizing app
- Integrated Facebook SDK for login with Facebook
- Developed code for storing user details in Shared Preferences

SKILLS

SQL

Python

PySpark

Hive

Azure Data Factory

PERSONAL PROJECTS

CASSAVA LEAF DISEASE CLASSIFICATION

- Predicts the type of disease present on the cassava leaf image
- Accuracy of model: 70.20%.
- Used ResNet50 pre-trained model
- Technologies used: TensorFlow, Python, Keras, Transfer Learning

DYNAMIC AND TRANSPARENT TRAIN SEAT ALLOCATION

- Proposed the system for dynamically allotment of seats in Indian Railway and developed an android app to showcase this
- Technologies used: Android, Firebase

SHEield

- Developed a women security android app 'SHEield' which lets the user to press power button four times or shake the phone to instantly send the emergency message to along with your physical location to the contacts
- Technologies used: Android

ACHIEVEMENTS

Received 'Pinnacle Award FY21 – Rising Star' by Accenture for delivery performance (02/2021)

Received Google Home and other goodies by Google for developing an Actions on Google (2019)

Represented my college in Inter College Major Project Competition in University (06/2019)

Secured 32nd rank in UPSEE (Architecture) (2014)

Received merit certificate by CBSE for scoring 10 CGPA in class 10th (2012)

CERTIFICATES

Microsoft Certified: Azure Fundamentals (2020)

Machine Learning with TensorFlow on Google Cloud Platform from Coursera (2020)

End to End Machine Learning with TensorFlow on Google Cloud Platform from Pluralsight (2020)

Certifications in C++, Java, and Python from Spoken Tutorial, IIT Bombay (2016, 2017, 2018)