Karthick Venkatesan

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PROFILE

- 3+ years of experience in software development, worked on multiple domains automation engineer , Big data Engineer (talend , hive , kakfa), deep learning (custom digit recognizer , light weight object detection using Yolo)

EXPERIENCE

Accenture   Bangalore

Big Data Engineer   2016 Sept – 2018 June

- Design and build data processing pipelines using tools and frameworks in the Hadoop ecosystem
- Design and build ETL pipelines to automate ingestion of structured and unstructured data
- Develops innovative solutions to Big Data issues and challenges within the team
- Maintain existing ETL workflows, data management and data query components
- Proficiency and knowledge of best practices with the Hadoop (YARN, HDFS, MapReduce)
- Implement and configure big data technologies as well as tune processes for performance at scale
- Develop automation and data collection frameworks

Accenture   Bangalore

Testing Engineer   2015 April – 2016 Aug

- Create Functional Test Plans/Strategies (including Approach, Load Profiles/Critical Business Scenarios, Monitoring Approach, Types of Test, Test Cycles and Test Environment, Resources,Timelines, Reporting, etc.)
- Debugging of Issues - Work closely with the development team to investigate test failures and issues
- Develop automated performance testing scripts and utilities
- Execute test plans and report defects to development team. Verify fixes from development
- Work with the development and business analysis teams to develop acceptance test plans for new

SKILLS

ROS : Robotic arm and Autonomous driving bot using ROS, slam.

Machine Learning : Scikit learn

Deep learning : Tensor flow, Yolo, Keras

BigData Tools : Hadoop, Hive, Talend, Kafka, Spark

Language : Python, Java, Django (python framework)

EDUCATION

KLN College of Engineering   Madurai TN

B Tech Information Technology   2010 - 2014

Undergraduate work: Coursework: Data mining and Data warehousing; Databases; Algorithms; Programming Languages; Comp. Architecture; Engineering