KAMESWARA PULLABHOTLA

LinkedIn: www.linkedin.com/in/kpullabhotla
Mobile: +1-(815)-995-3598 | Email ID: kpullabhotla9@gmail.com | Status: F1 (Student) |
GitHub Link: https://github.com/kpullabhotla/

Career Snapshot

- Seasoned IT Professional with around **10** years of experience in **Big Data Analytics** with strong acumen in System Analysis, Architecture Design, Development, and Implementation of Enterprise Data Warehouse, Enterprise Data Lake, Database, and Reporting solutions.
- Currently pursuing **Masters in Computers Science** and working as a Graduate Assistant on **AI based tools** such as **RASA** for developing a chatbot applications for assisting students through Blackboard.
- Experience in creating models using **Regression, Classification, Clustering** and **Transfer learning** techniques.
- Experience in building and migrating services on public clouds like **Azure** and **AWS**.
- Adept in handling projects based on **Big Data & Java technologies**. Experience in working with **Elastic Search, MapReduce, Spark, MAPR DB, REST API's**, Talend for building big data applications.
- Experience working with multiple design tools – **Visio & Lucidchart**.
- Designing **data extraction** pipelines for consuming data into **Datalake**.
- Analyzing, transforming and provisioning data for the downstream which is in-turn used for reporting purpose.
- Collaborated with clients to deliver UX and information architecture needs for a variety of products and services.
- Good understanding and experience on **Product Management** approach
- Extensive debugging experience on Back End applications.
- Well versed in designing **optimized solutions** which leverages time complexity and provides utmost **Customer experience**.
- Experienced in complete Software Development Life Cycle (**SDLC**) phases including
- Analysis, design, development, testing, integration, deployment and maintenance.
- Maintained very large code repositories including **GIT, SVN**.
- Experience in writing markups for better documentation.
- Working knowledge on lot of build continuous integration/delivery solutions including **Jenkins, Docker, Kubernetes, XRelease and XDeploy.**
- Strong experience in **migrating data warehouses into Hadoop ecosystems**; proficiency in **designing optimized solutions** along with insightful capability in all phases of Software Development Life Cycle - analysis, design, development & implementation, and delivery
- Deft in unit testing the applications using **JUnit, TDD Framework** and good knowledge of Data modeling, use case design, and Object-oriented concepts
- Provide **subject matter expertise** in areas including **Scrum & Agile** process implementation, process improvement, project management, scope definition, cost/benefit analysis, risk identification, project methodology and resource allocation.
- **Good written, Oral communication skills** and **Interpersonal skills** with a strong ability to excel through collaboration with team members.

Education

- B.Tech (Information Technology) from **JNTU Kakinada** in **2010**.
- Masters (Computers Science) **Northern Illinois University** from **2021 – Till Date**

Certifications

- Hortonworks Certified Big Data Developer (HDPCD)
- Azure Fundamentals (Microsoft Certified)

Technical Skills

Version Control:	GIT, SVN, CVS
Technologies:	Python, MapReduce, Spark, HIVE, Sqoop, Core Java, Impala, REST API, Spring boot Microservice
AI Bot Tools	RASA, Azure Bot Service
Machine Learning	TensorFlow, Pytorch (Beginner)
Cloud:	Azure, AWS
CICD Tools:	Jenkins
Database:	Oracle, MySQL, HBase, MAPR DB, DataLake, Elastic search
ETL Tools:	Talend, Informatica BDE
Scripting Lang:	Unix, Groovy
Scheduling Tools:	Oozie, Talend Studio
Streaming Tools:	Kafka
Visualization Tools:	Kibana, Splunk
Deployment Tools:	Docker, Kubernetes, OpenShift
IDE:	IntelliJ, Eclipse, Jupyter, Google Colab

Experience

Northern Illinois University (Part Time)

2021 December – Till Date

A. *Graduate Assistantship (Research Assistant) – Illinois (United States)*

Creating a chatbot tool for assisting students on their class schedules as well as the assignments.

Responsibilities:
- **Researching AI** tools that best fits in developing **QnA bots** for the students.
- Creating and Training models by **creating pipelines**, **extracting data** using blackboard API's.
- **Optimizing model** parameters in order to minimize overfitting.
- **Developing, testing** and integrating the bot with **MS Teams channels** on Azure.
- Worked on training and deploying models on multiple use cases related to NLP/NLU using SDK by using Keras and Tensorflow libraries.

B. *Deep Learning (Specialization Project) – Illinois (United States)*
- Presented a Fruit Category Detection Model using **Tensorflow** and **Keras** frameworks.
- Created models using **MNIST**, **CIFAR 10** and **Custom Datasets**.
- Experience in using **Regularizations**, **Optimization Functions, Data Augmentations and different Activation Functions** like ReLU, ELU, TANH etc
- Trainer models using **Regression, Classification, Clustering** and **Transfer learning techniques**.
  https://github.com/kpullabhotla/DeepLearning_FinalProject

OPTUM Global Solutions (Full Time)

2016 November – 2020 August

C. *Senior Developer / Architect / Data Engineering Manager/Software Consultant (Analytics) – Bangalore (India)*

Responsibilities*:*

- Implemented **serverless services** for processing the data in cloud.
- Played a **Techno Managerial** role by **managing onshore and offshore teams**.
- Training **resources**, resource **planning**, task planning and **allocation**.
- **Designing Big Data solutions**, **code** and **estimation review with stake holders**.
- **Collaborated** with various business teams and UX design teams in **gathering requirements**.
- Participated in various architectural discussions which were made to take critical decisions on various projects.
- Managed source control and version control using **GIT** and Project status tracking using AHA.
- Used **Jenkins** for deploying projects on various development and testing servers.
- **Optimization** and performance improvements of code.
- Deployments and issue debugging.
- Designing automation capabilities.
- Followed Agile Scrum for daily project activities.
- Currently working on Enhanced Search Capability using NLP methodologies.

Achievements:

- Scaling up on the project flows and helping other new joiners onboarding the projects.
- Awarded **STAR AWARD** in consecutive years **2018** and **2019**.
- Saved around **$ 1,15,514.5** for the project by automating ingestion cycle.
- Member of Interview Panel.
- Acted as event coordinator for organizational activities.

HARMAN Connected Services (Full Time)

2015 February – 2016 November

A. *Senior Software Engineer– Bangalore (India)*

Responsibilities:

- Individual contributor, involved in customer calls for providing estimates.
- Developing end to end applications using Big Data technologies.
- Worked as an individual contributor in designing components for patient process.
- Designing the application
- Implementation of a proof of concept.
- Interaction with business team, offshore team
- Co-ordination with leads of dependent applications.
- Involved in code review and participated in architectural discussions.
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Achievements:

- Was recognized for my work with multiple appreciation emails from business team and project managers.
- Received **STAR PERFORMER** award from Symphony Teleca Ltd. (acquired by HARMAN) for contribution in project.
- High customer satisfaction ratings for multiple quarters.

Airwatch By VMware (Full Time)

2013 June – 2015 January

A. *Senior Software Engineer– Bangalore (India)*

Responsibilities:

- Involvement in project initiation activities including understanding the existing application and database structures.
- SME for Workspace One and actively involved in pre-sales calls with several clients.
- Training peers on MDM Products.
- Suggesting quick workarounds to the customers during production issues.

Achievements:

- Received appreciation awards via emails for contribution in project.

Dream Tekis Software Pvt. Ltd (Full Time)

2012 August – 2013 May

A. *Software Engineer / Business Analyst– Bangalore (India)*

Responsibilities:

- Requirements analysis and design
- Development of SQL Scripts.
- Assisted the testing team in the preparation of test plan.
- Interacting with Client for gathering the requirements used for test planning and implementation

Tech Mahindra (Full Time)

2011 January – 2012 May

A. *Technical Associate– Bangalore (India)*

Responsibilities:

- Involved in developing stored procedures
- Worked on servlets for parsing of data and storing it into database
- Supporting team related activities during the time of deployments.
- Involved in Design as well as requirement related calls.
- Developing Unix scripts which are used for housekeeping and scheduling cron jobs.