

Kaushik Patil

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EDUCATION

Northeastern University , Boston, MA <i>Master of Science in Information Systems</i>	Sep 04, 2019 - May 07, 2021 GPA: 3.51 / 4.0
University of Mumbai , Mumbai, India <i>Bachelor of Engineering in Electronics and Telecommunication Engineering</i>	Sep 09, 2014 - Jun 30, 2018

EXPERIENCE

Informatica, Austin, TX, United States <i>Technical Support Engineer, Enterprise Data Catalog (EDC) Team</i>	Aug 09, 2021 – Present
<ul style="list-style-type: none">Resolved technical inquiries related to Informatica Enterprise Data Catalog (EDC) and Big Data Products to identify the bugs which has saved several fold efforts for R&DAnalyzed exceptions and logs to isolate root cause analysis of Hadoop implementation of the product by understanding the nuances and help in product's usability and improve end-user experienceScanned resources such as JDBC and Azure SQL database using Enterprise Data Catalog to extract the metadata, identify the profiling data (uniqueness of data), the Data Domains through Data Domain Discovery, determine value frequency, identify sensitive data and build lineage to identify the flow of data in the system.Created and queried tables in MS SQL Server and Oracle database using DDLs to isolate, identify and resolve errors.Utilized Rest API to fetch/modify resources and resource configuration.	
RAWsb Technologies Inc, Boston, MA, United States <i>Software Development Engineer Intern</i>	Jun 08, 2021 – Aug 08, 2021
<ul style="list-style-type: none">Designed Covid 19 Information Intelligent Search Assistant that can explore various use cases for people to get the most helpful and correct information directly, without finding it from overwhelming amount of data onlineCooperated with peer development team on analysis, design, and implementation of Search Robot kernel using C programming language for cache data for later integration with SparkSQL and optimize ML supervised learning trained AI	
Wysetek Systems Technologists, Mumbai, India <i>Customer Support Representative (CSR), IBM Power Series Team</i>	Feb 04, 2019 – Jul 31, 2019
<ul style="list-style-type: none">Provided service support to RISC based UNIX servers in IBM Power Series team of 5 for clients in CtrlS Tier-4 datacenterRegulated IBM Storage Manager 10 client through LINUX administration with error logs after scheduling and performing backup and restore operations, server monitoring and health checks maintaining unprecedented CtrlS uptime of 99.995%	

ACADEMIC PROJECTS

Medical Plan RESTful Application	Jan 2021 – Apr 2021
<ul style="list-style-type: none">Concocted REST API using Spring Boot with POST, PUT, PATCH, GET and DELETE Http methods validations and status codesEnqueued object in RabbitMQ queue to index object and dequeued from RabbitMQ queue and index data in Elastic ServerImplemented search queries using Kibana Console to visualize and retrieve indexed data	
IMDb Data Analysis and Visualization	Sep 2020 – Dec 2020
<ul style="list-style-type: none">Deployed ETL pipelines using Talend and Alteryx from multiple source data including relational databases and flat filesLoaded data into BI schema to better visualization with interactive BI dashboards in PowerBI and TableauImproved master job by parallelization and serialization to optimize and decrease execution time by 42%	
Amazon Sports Reviews Big Data Analysis	May 2020 – Aug 2020
<ul style="list-style-type: none">Initiated MapReduce Algorithms through JAVA app for 1-click analysis for specific deliverables in minimal timePrepared SQL type scripts for rapid MapReduce operations through Hive and Pig compared to Hadoop by 42%Produced graphs and dashboards using Tableau for go-through analysis of deliverables for easy understanding	
Sentiment Analysis of Amazon Product Reviews	Sep 2019 – Dec 2019
<ul style="list-style-type: none">Explored and classified customer sentiments into positive or negative using Natural Language Processing (NLP)Quantified different accuracies of machine learning algorithms like Logistic Regression 72%, K-NN 62%, Naive Bayes 87%, Random Forest 76%, Decision Tree 62% and SVM 80% and found Naïve Bayes most optimal algorithm method	

TECHNICAL SKILLS

Languages:	SQL, Python, C++, Java
Big Data Tools:	Hadoop, Apache Hive, Apache Pig, Apache Mahout, Apache Kafka, Elasticsearch, Redis, Kibana
Databases & Servers:	MongoDB, HBase, Apache Cassandra, MySQL, SSMS, Oracle 18c, PostgreSQL, Redis
Business Intelligence tools:	ER Studio, Alteryx, Talend, PowerBI, Tableau